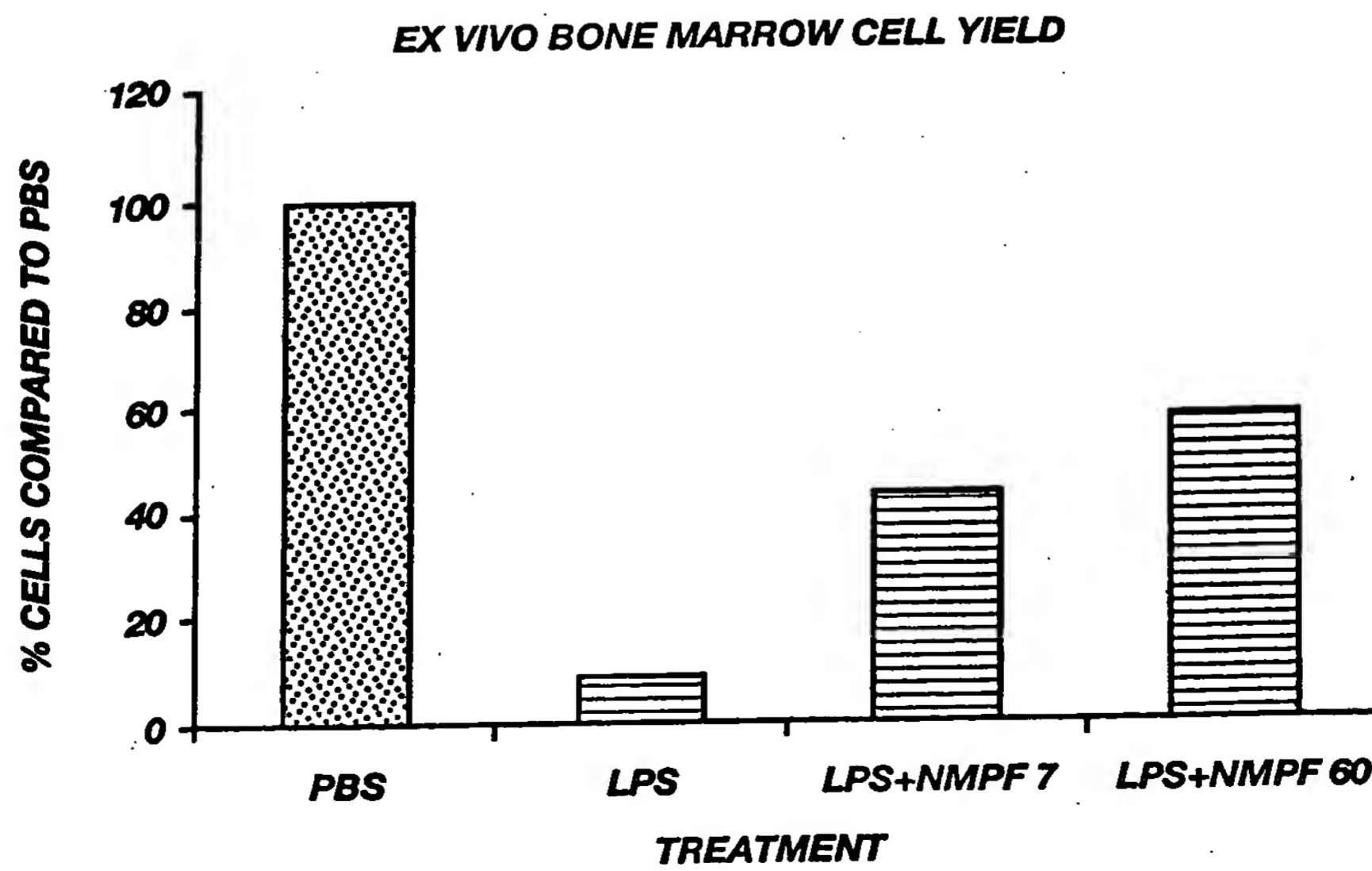


**Fig. 1**

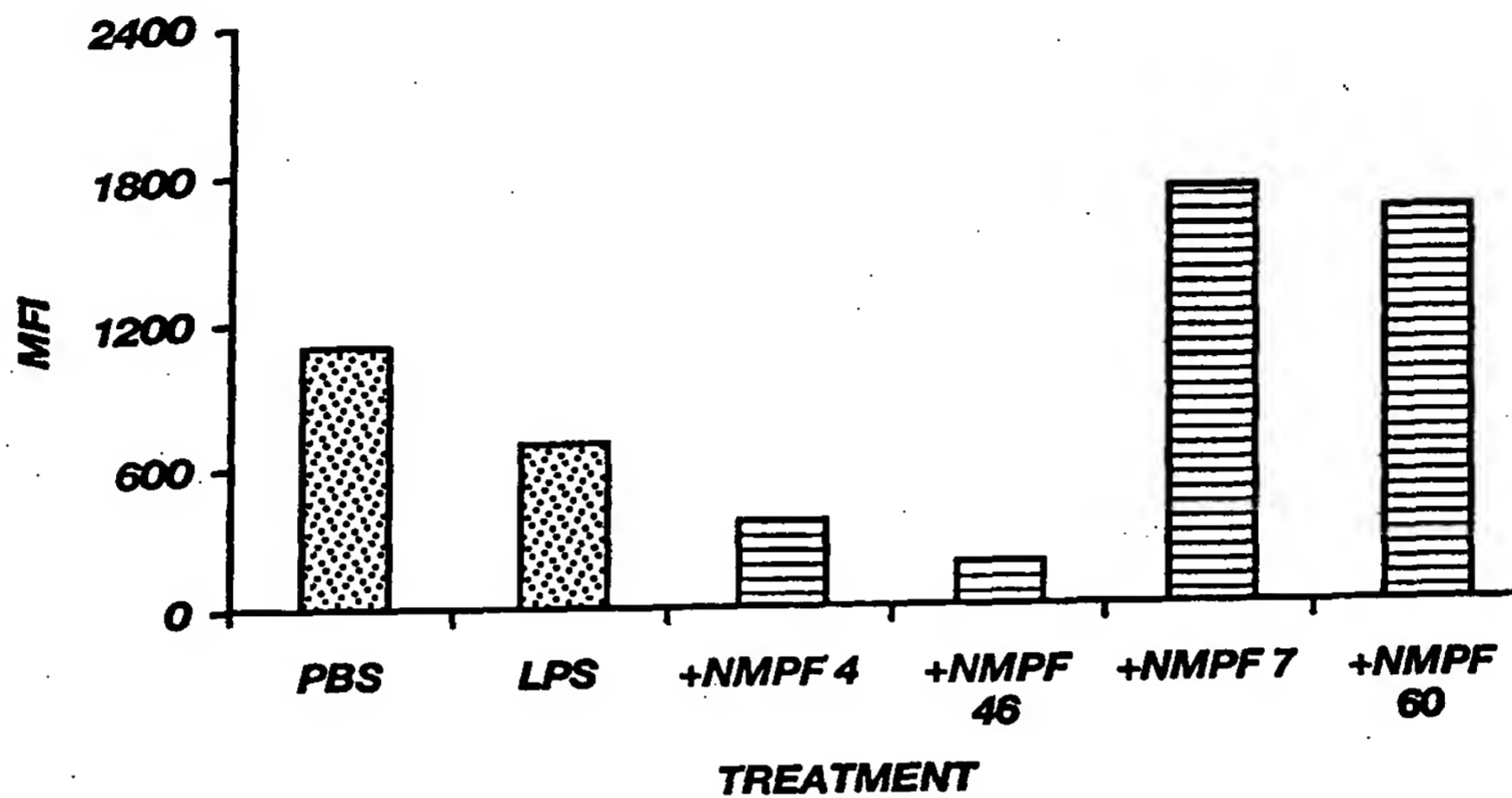


**Fig. 2**

+

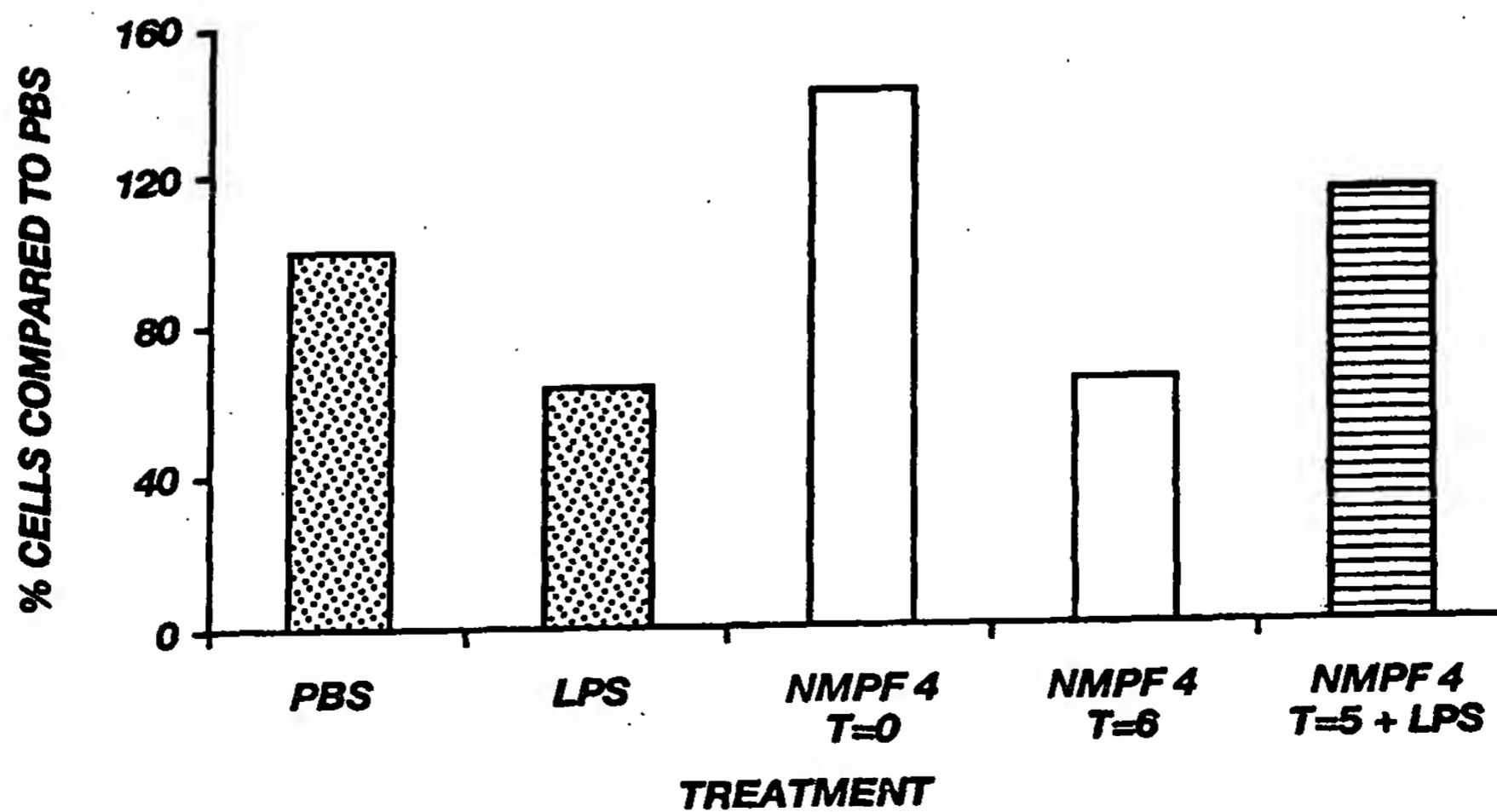


**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(EX VIVO)**



**Fig. 3**

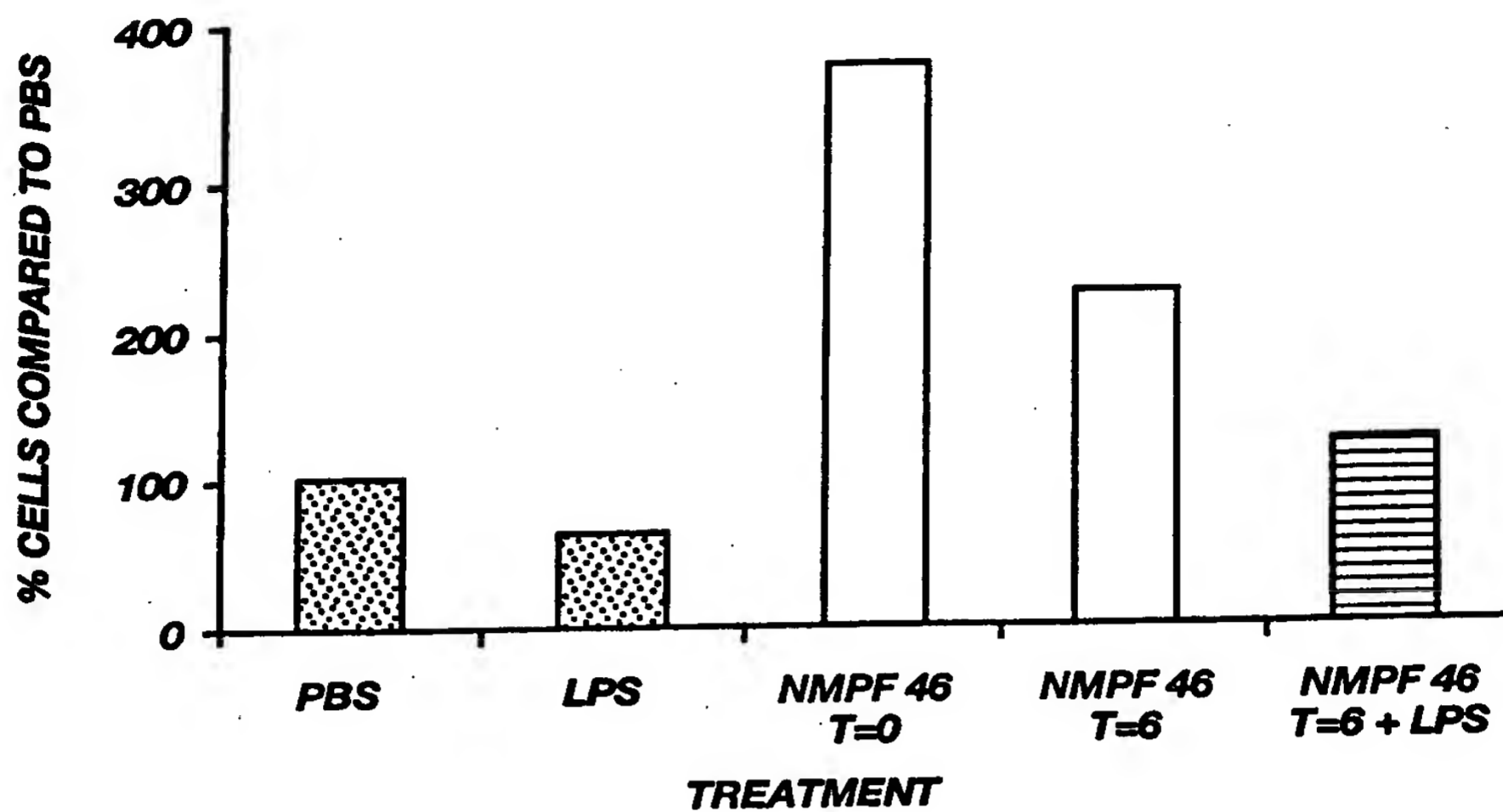
**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 4**

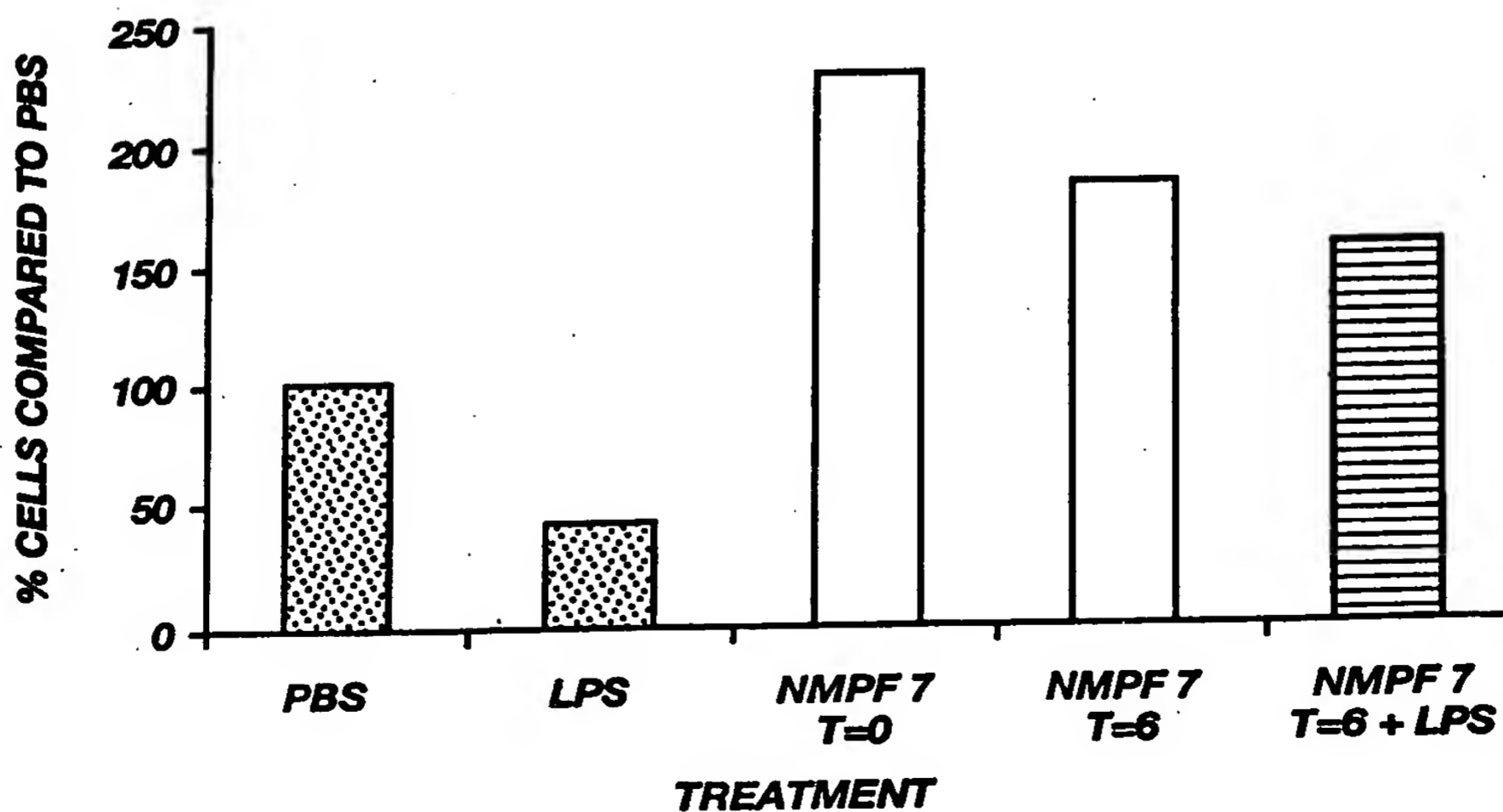


**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 5**

**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 6**

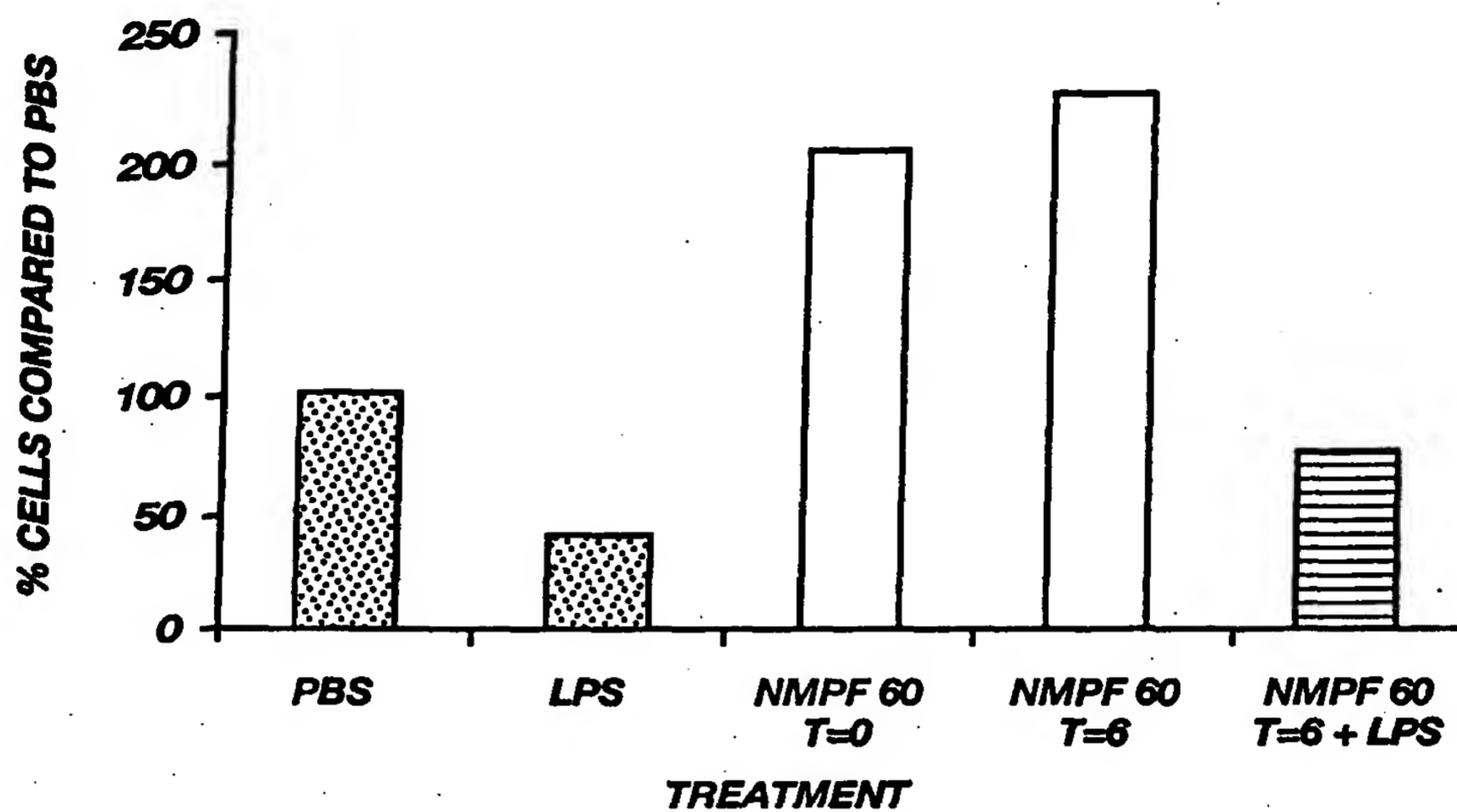
+



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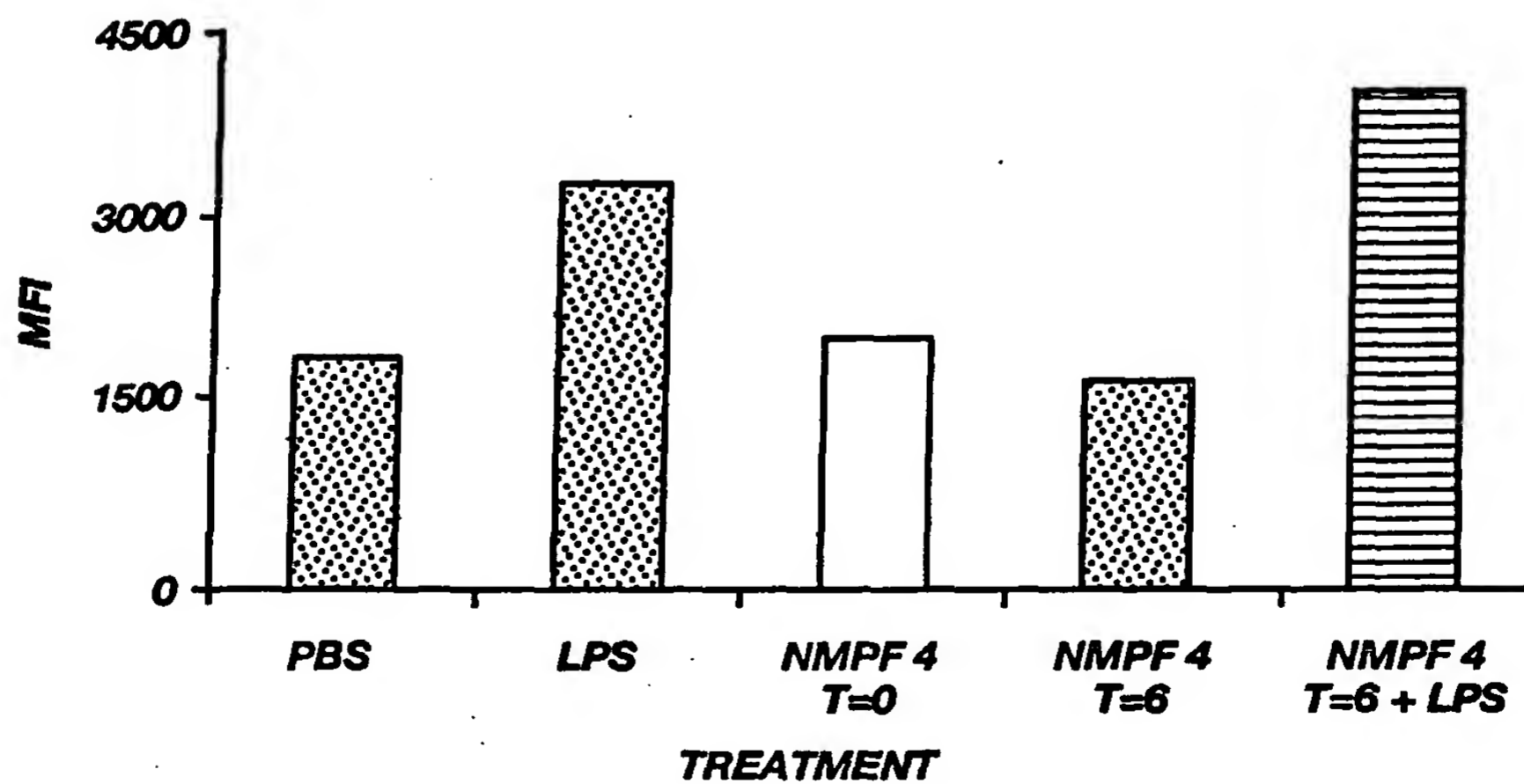
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**BONE MARROW CELL YIELD (IN VITRO)**



**Fig. 7**

**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(IN VITRO)**

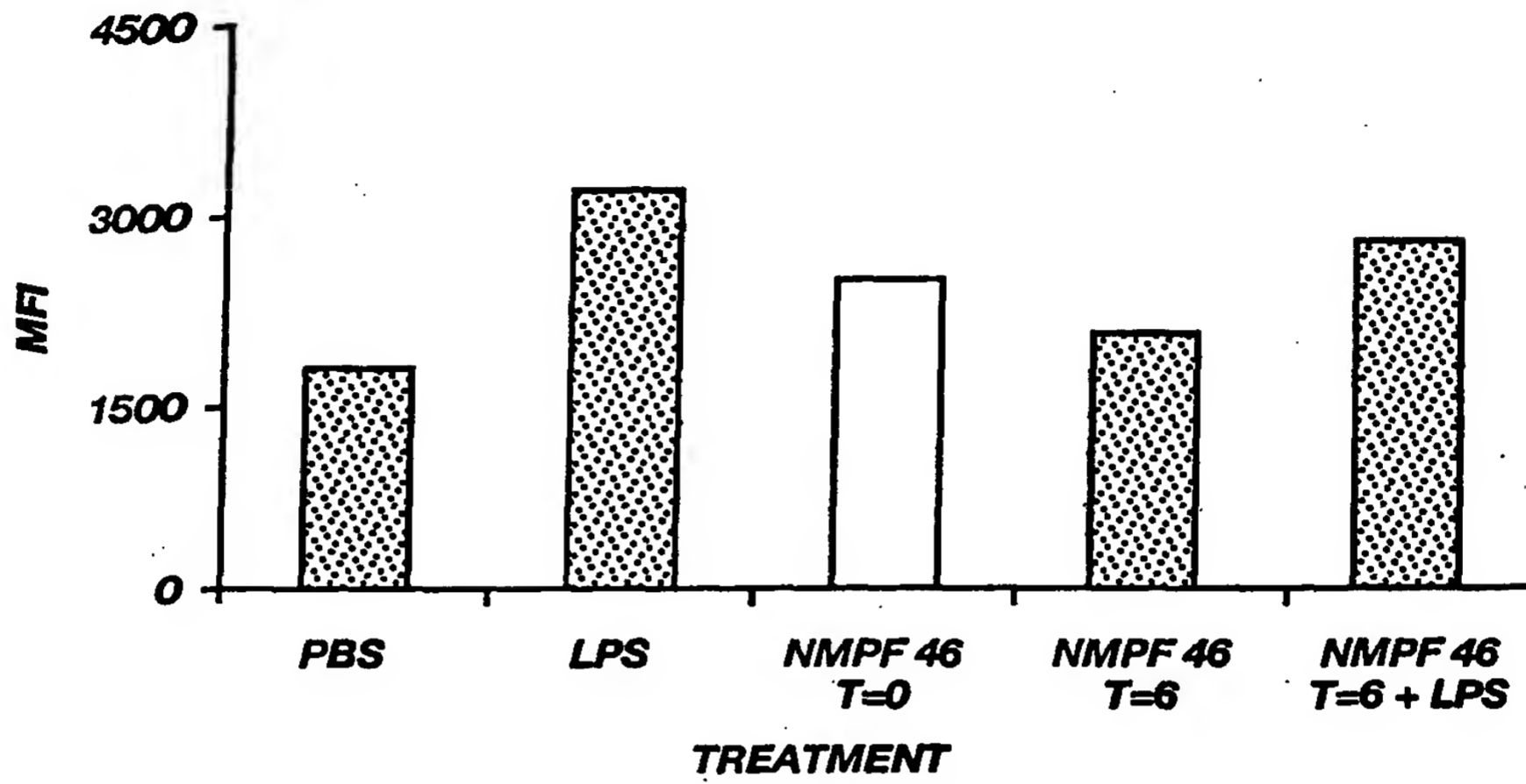


**Fig. 8**

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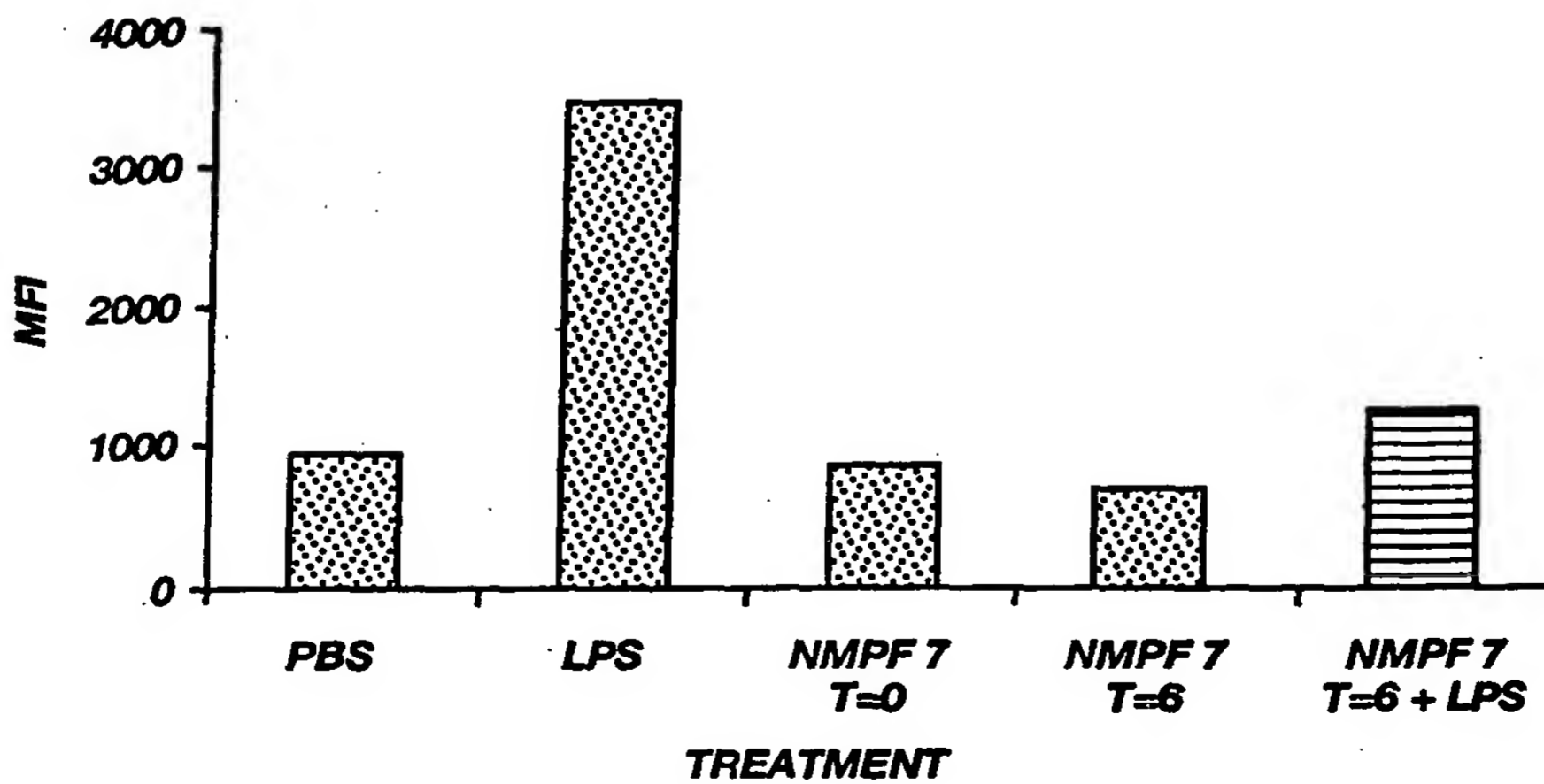


**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(IN VITRO)**



**Fig. 9**

**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
(IN VITRO)**



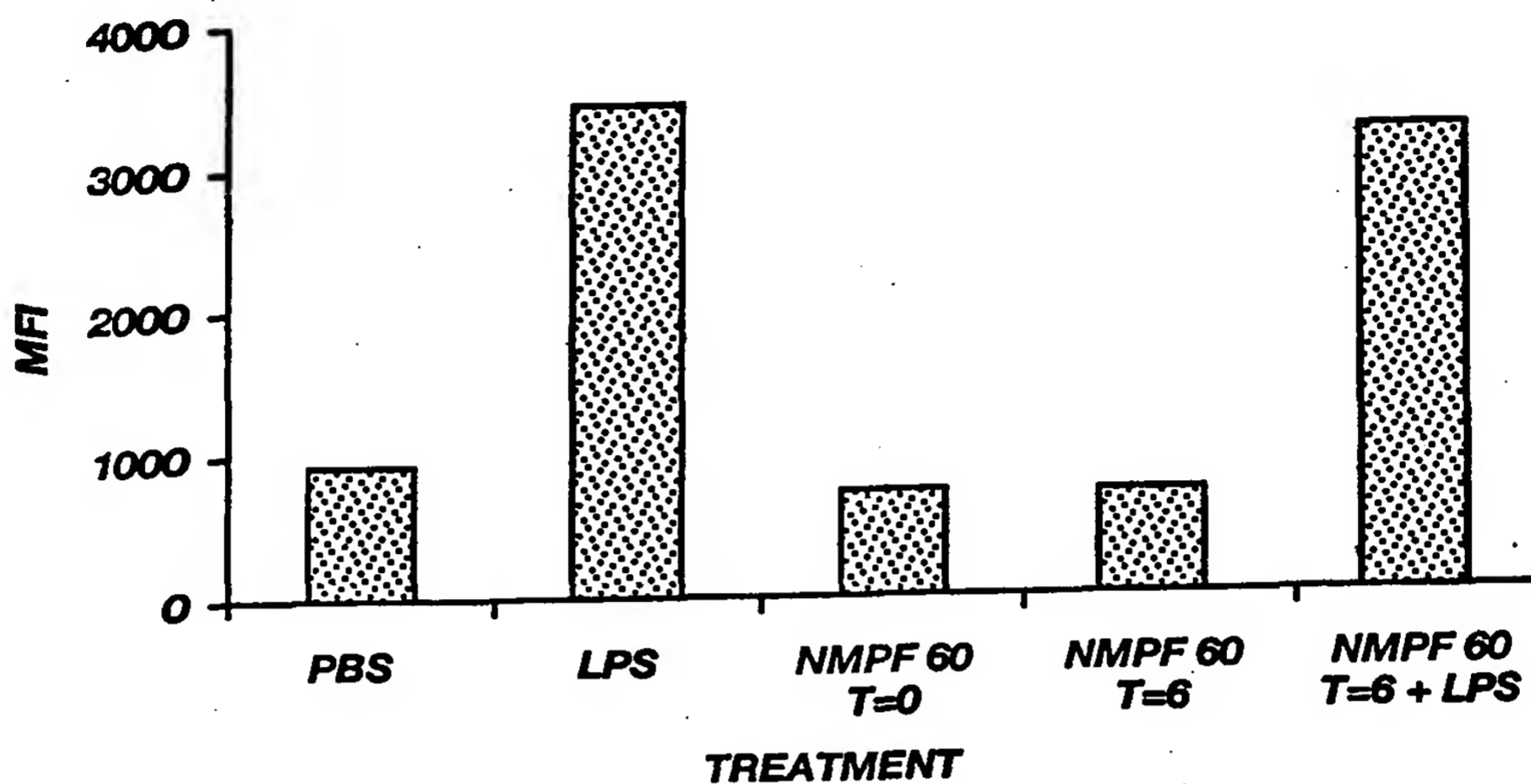
**Fig. 10**



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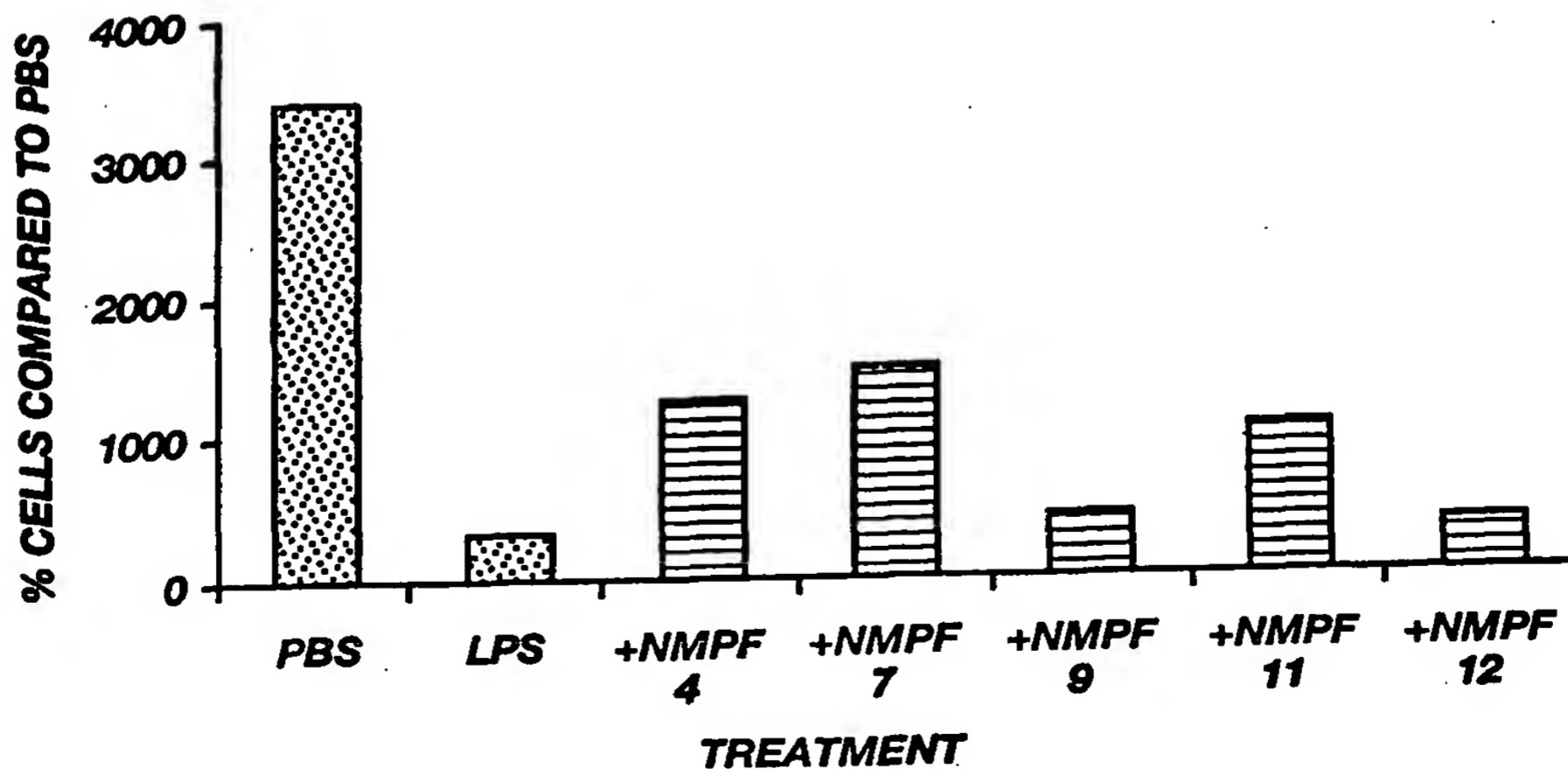
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**MHC-II EXPRESSION OF CD11c POSITIVE BM CELLS  
 (IN VITRO)**



**Fig. 11**

**'UNATTACHED' BONE MARROW CELL YIELD  
 (EX VIVO)**



**Fig. 12**

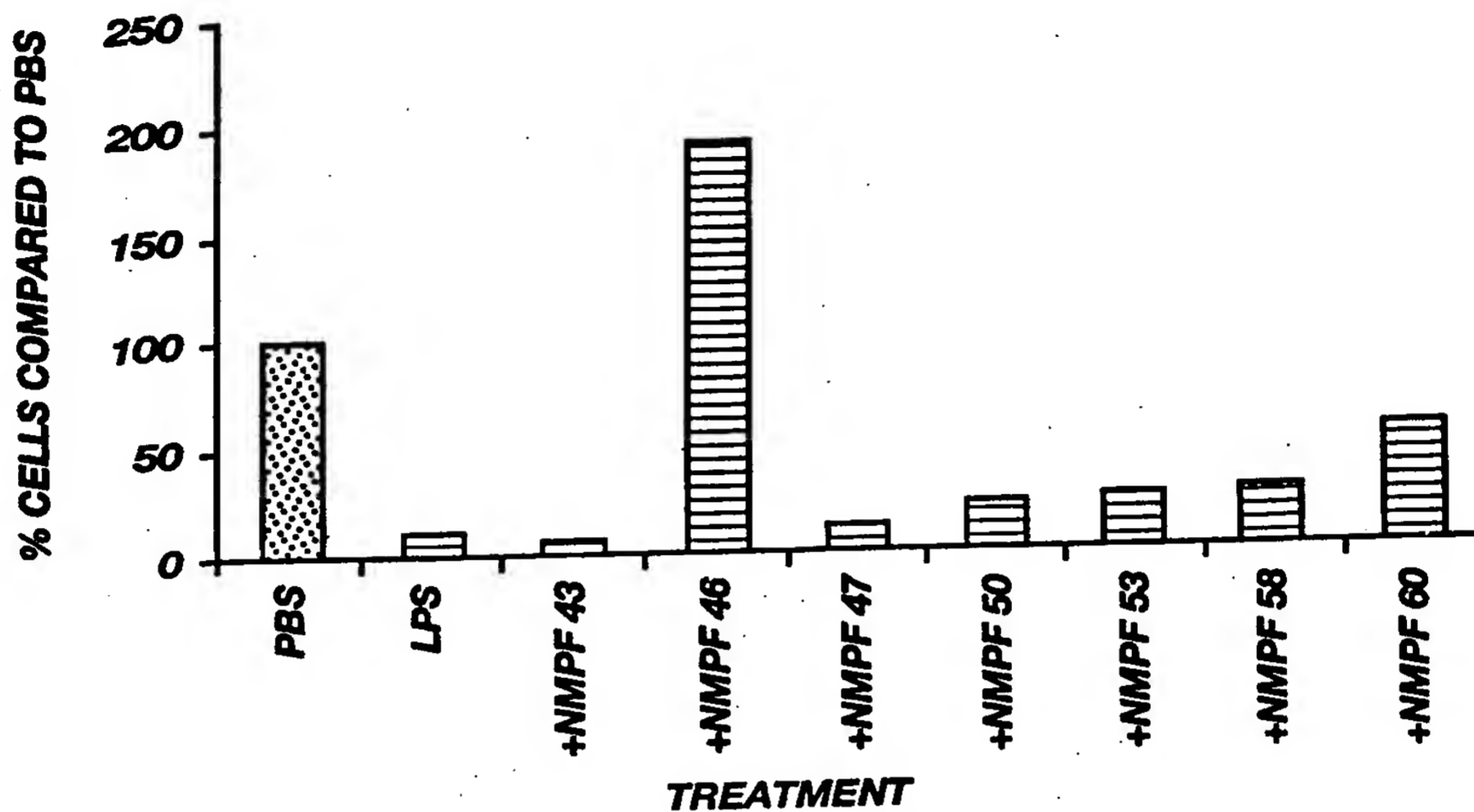
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Inventor: Khan et al.  
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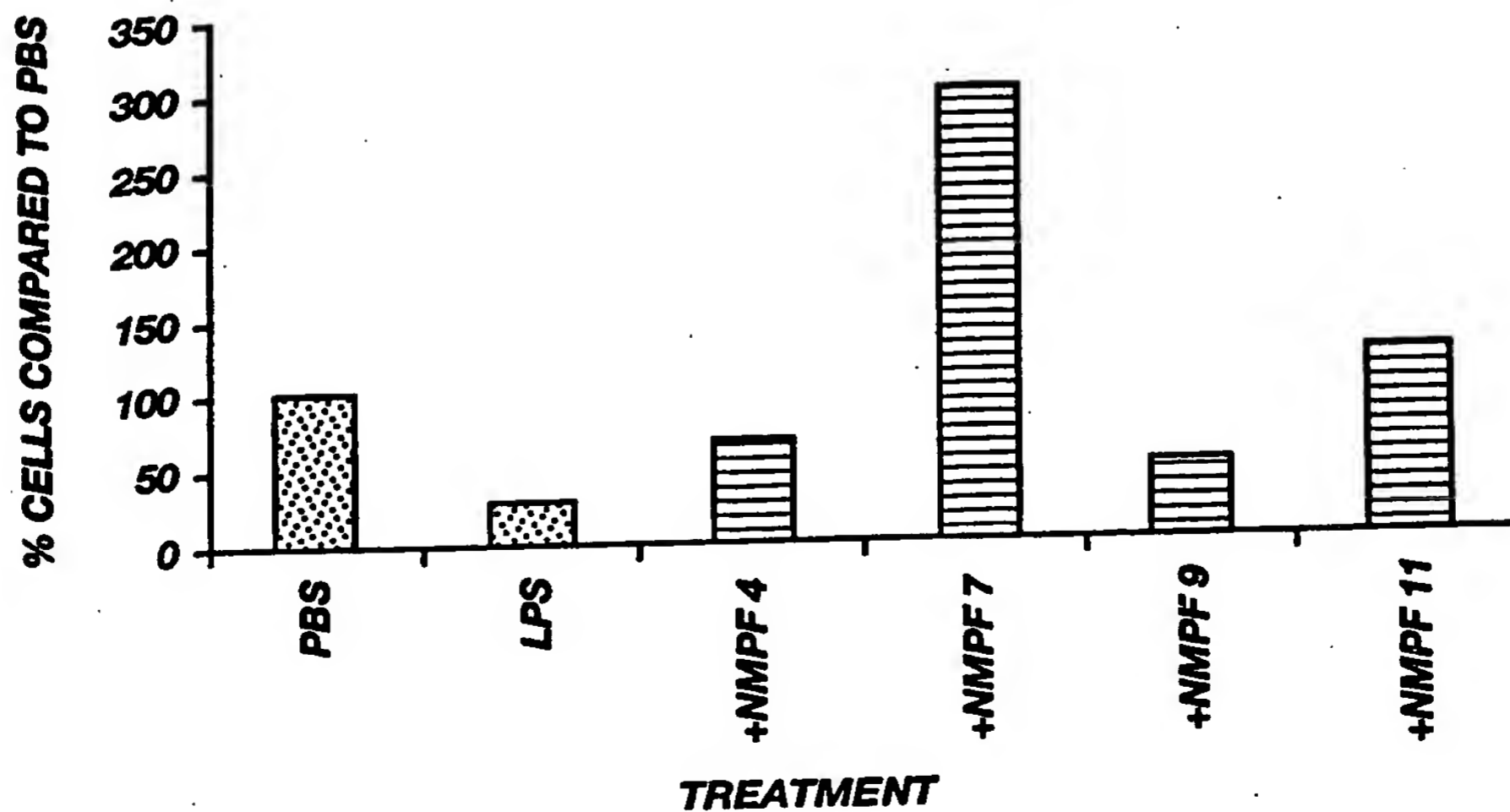
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**'UNATTACHED' BONE MARROW CELL YIELD  
(EX VIVO)**



**Fig. 13**

**'ATTACHED' BONE MARROW CELL YIELD  
(EX VIVO)**



**Fig. 14**

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TITLE: GENE REGULATOR

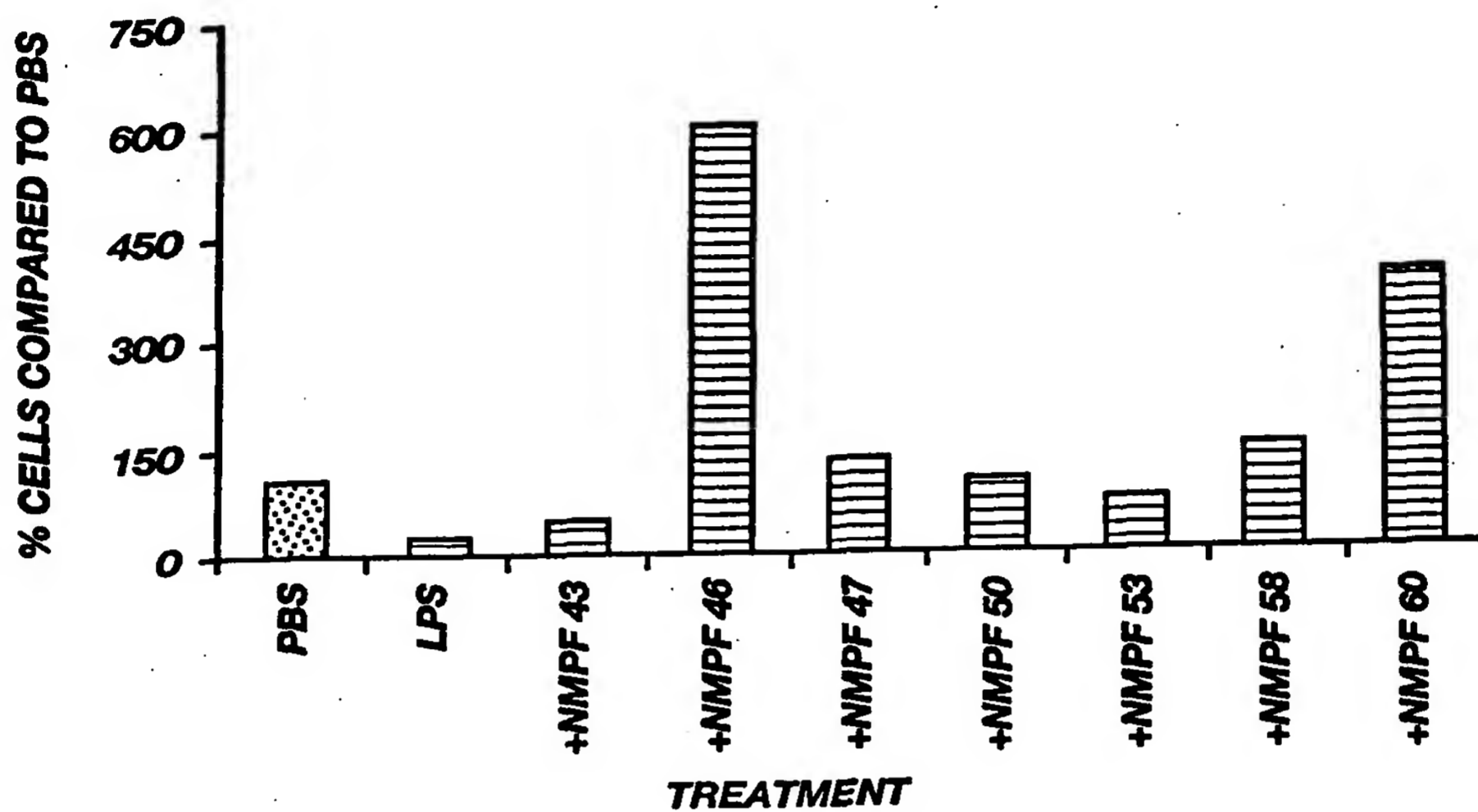
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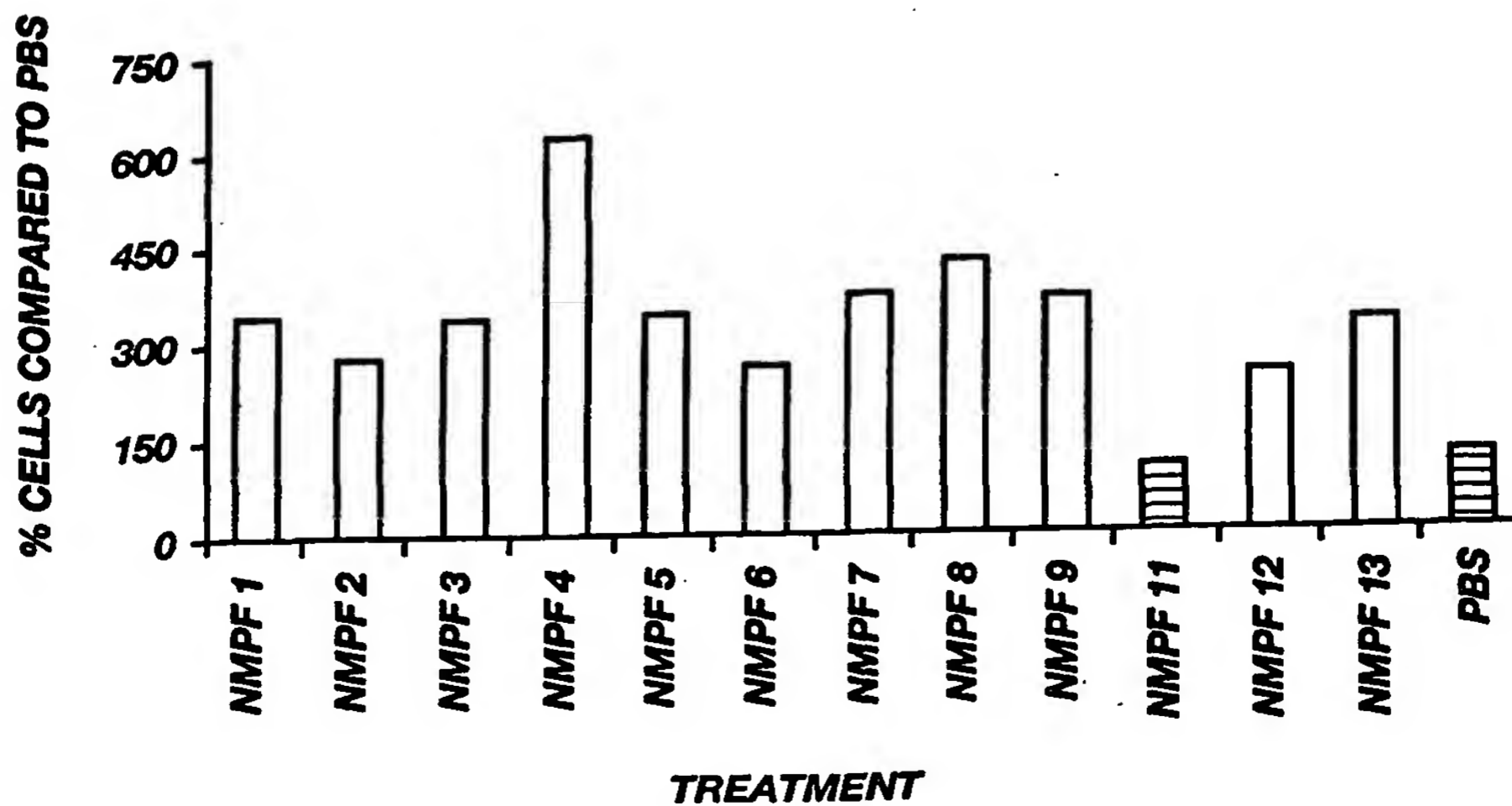
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**'ATTACHED' BONE MARROW CELL YIELD  
(EX VIVO)**



**Fig. 15**

**'UNATTACHED' BONE MARROW CELL YIELD  
(IN VITRO-NOD)**

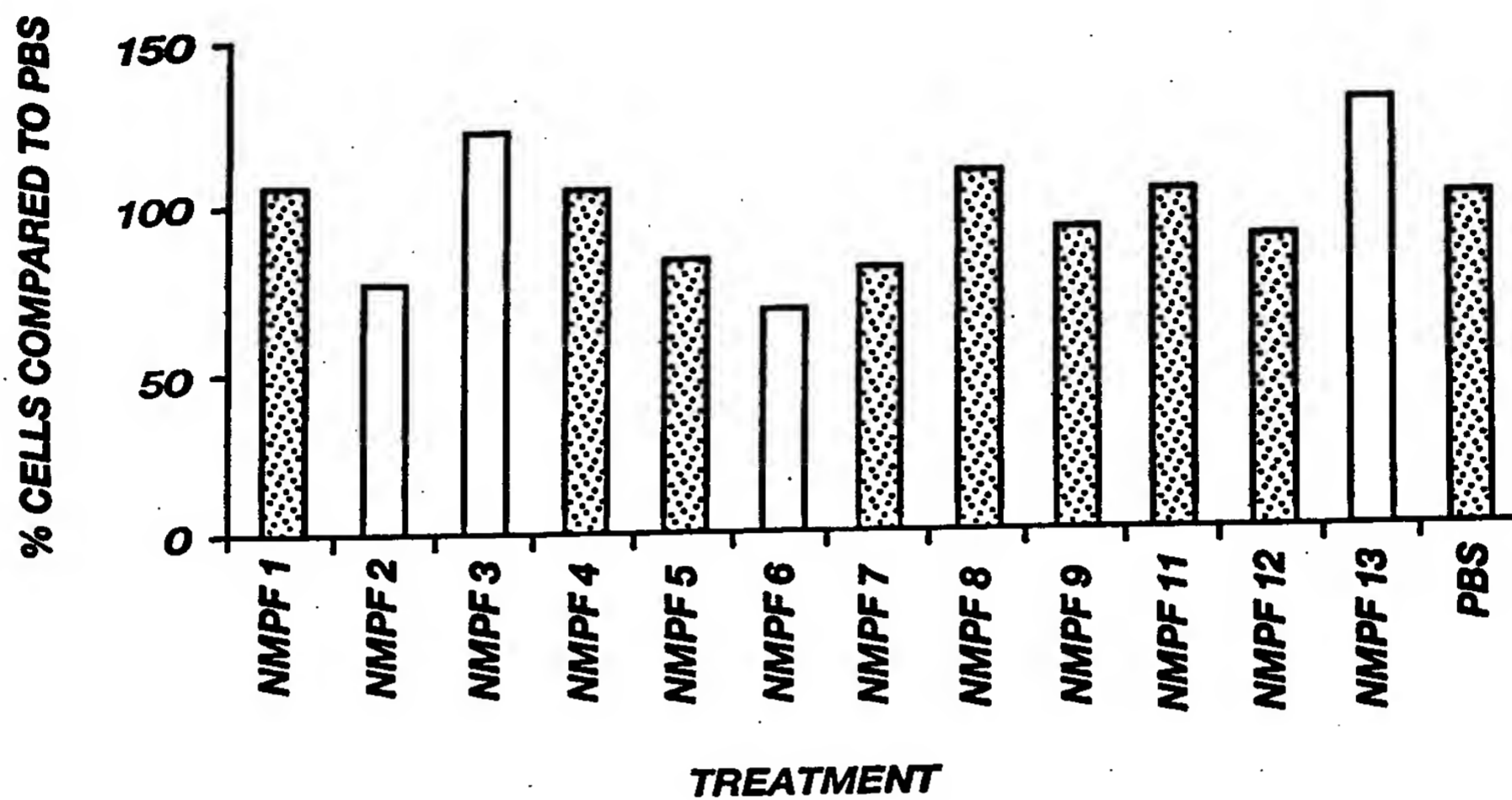


**Fig. 16**

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**'ATTACHED' BONE MARROW CELL YIELD  
(IN VITRO-NOD)**



**Fig. 17**



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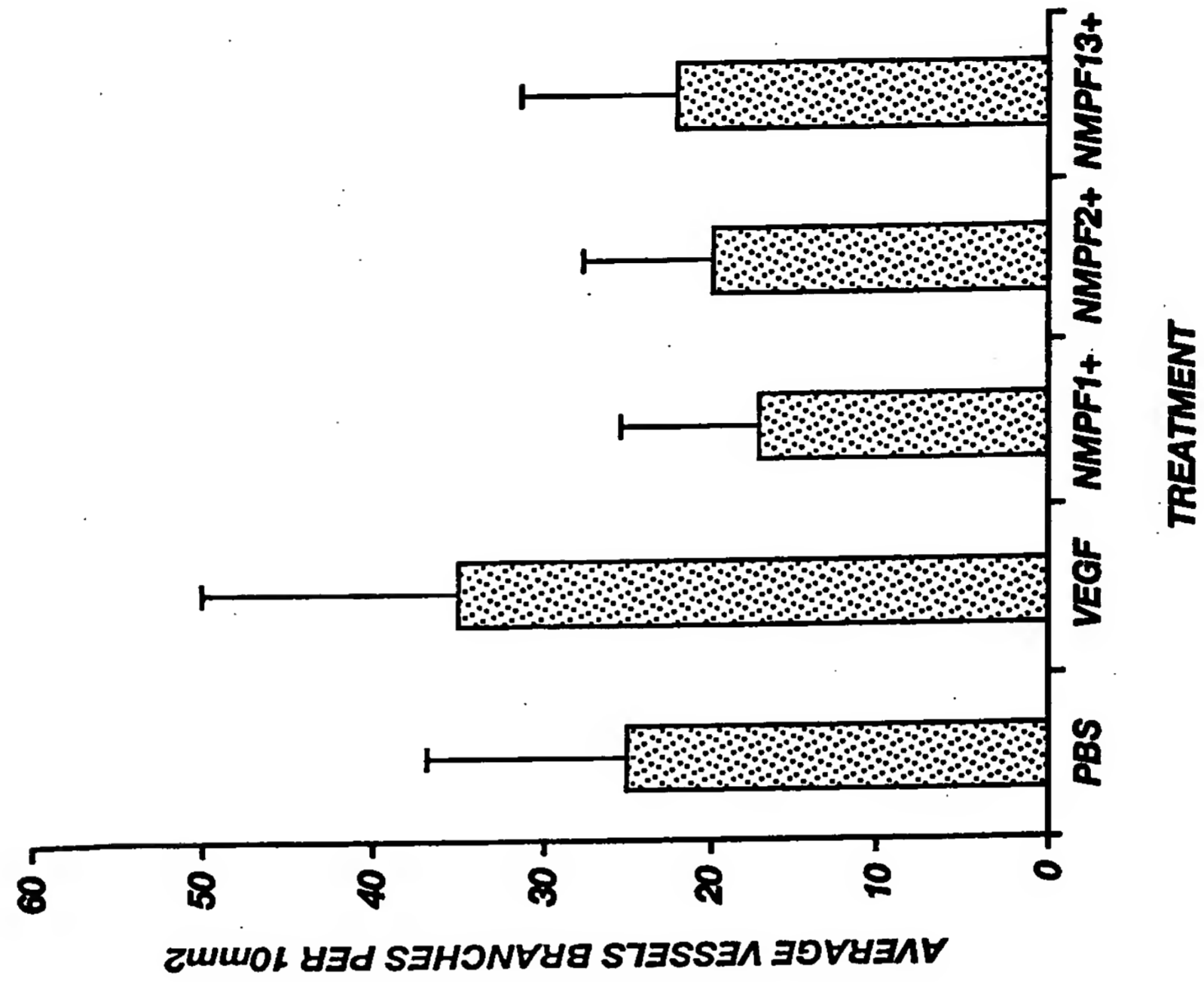


Fig. 19

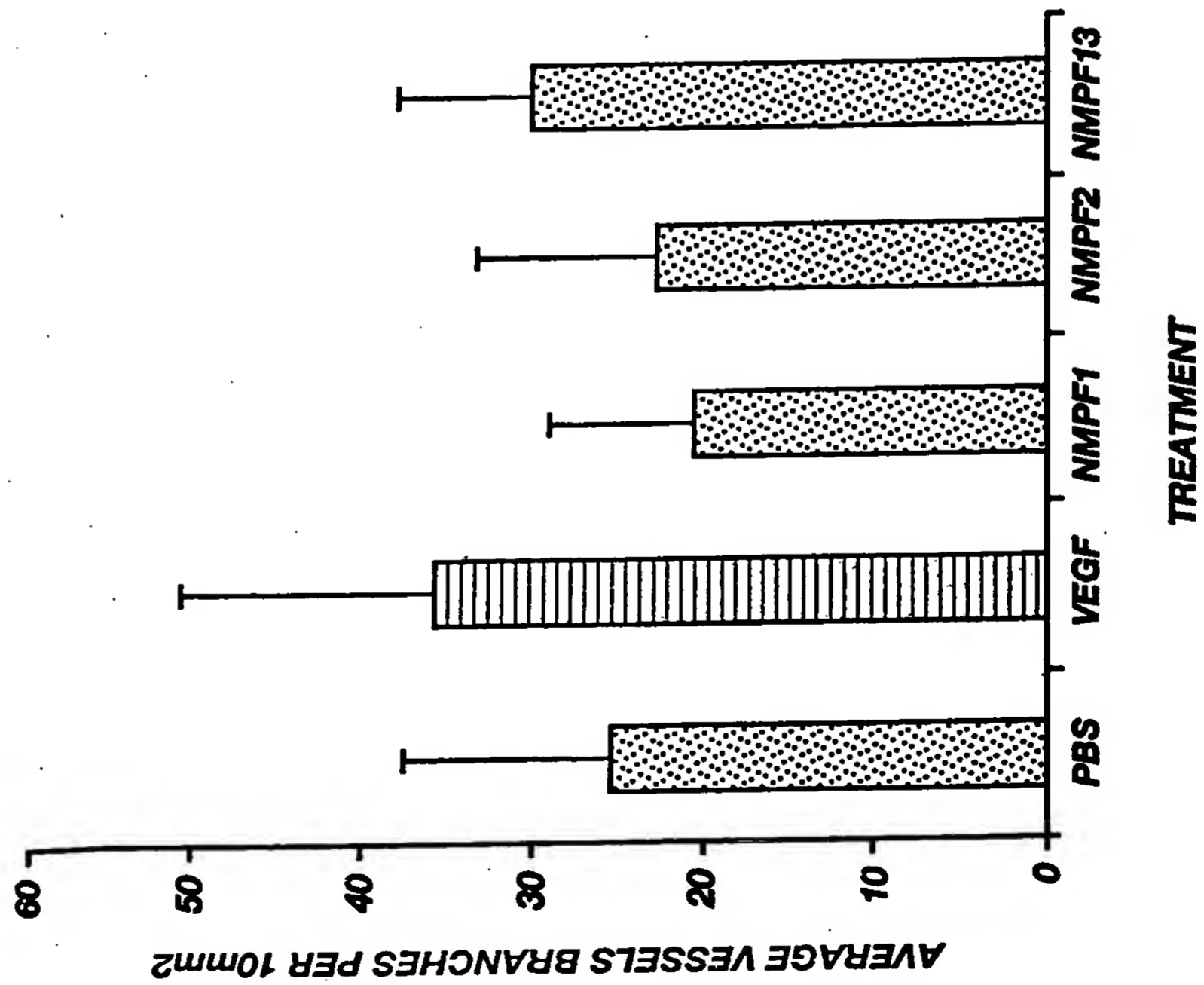


Fig. 18

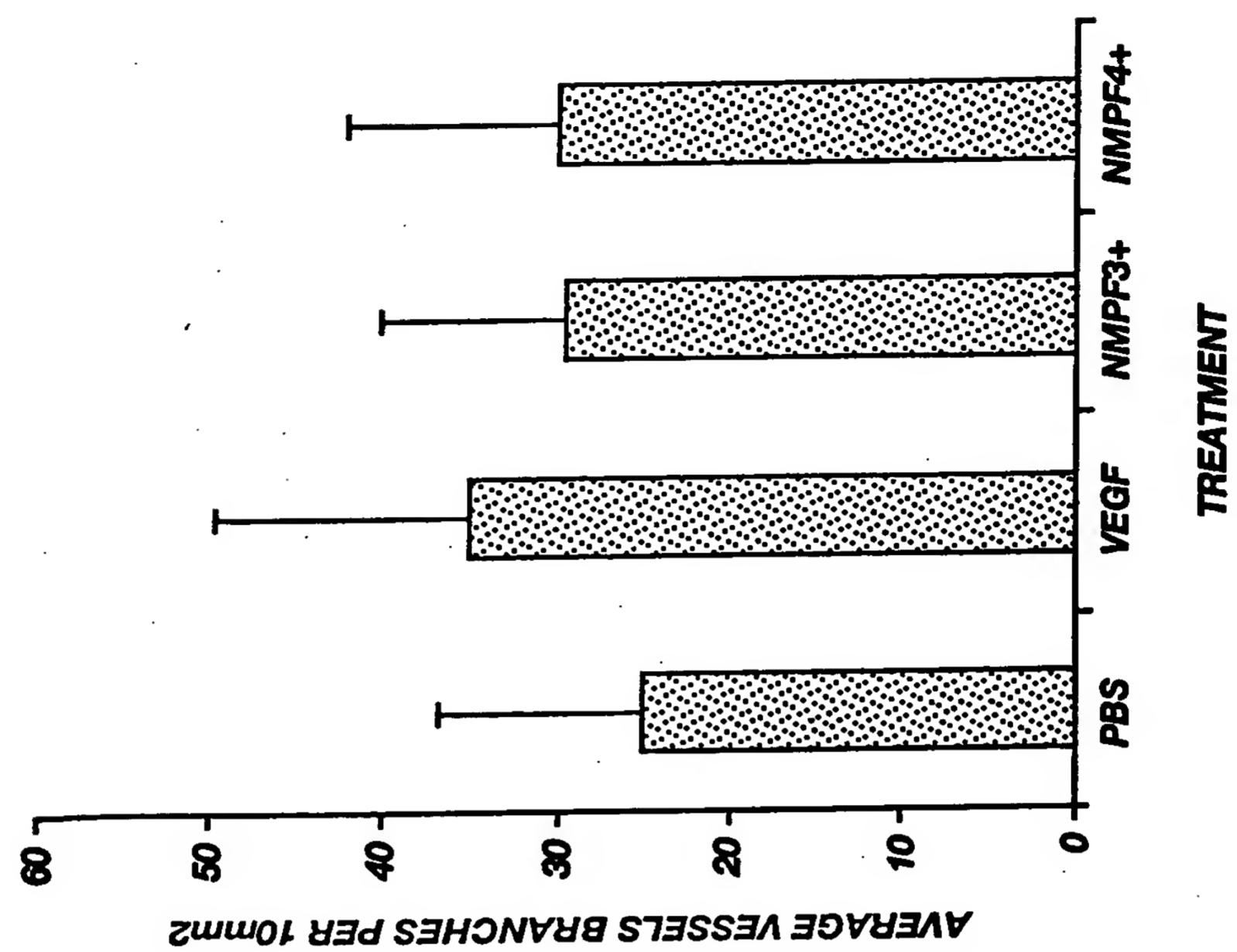


Fig. 21

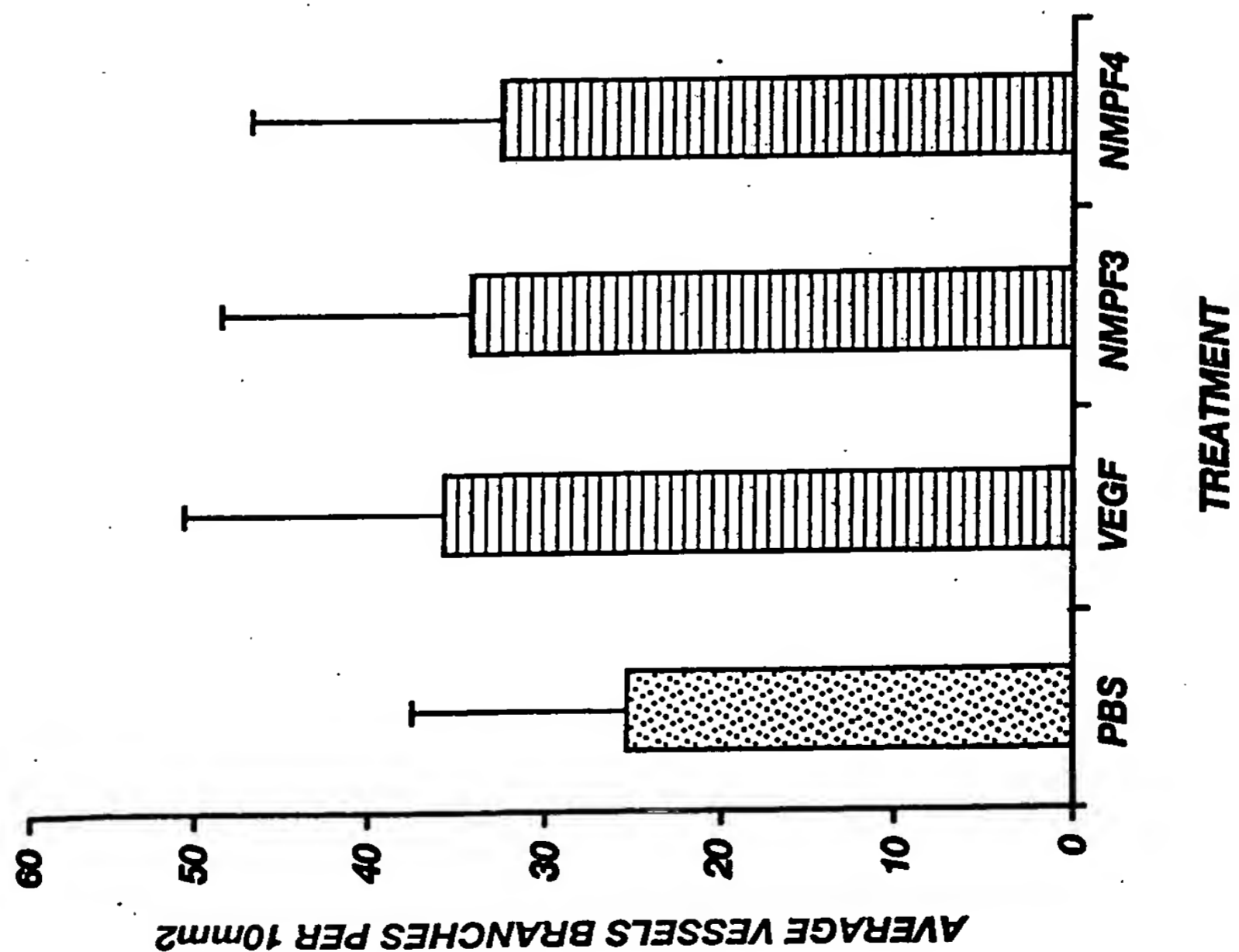


Fig. 20



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Fig. 23

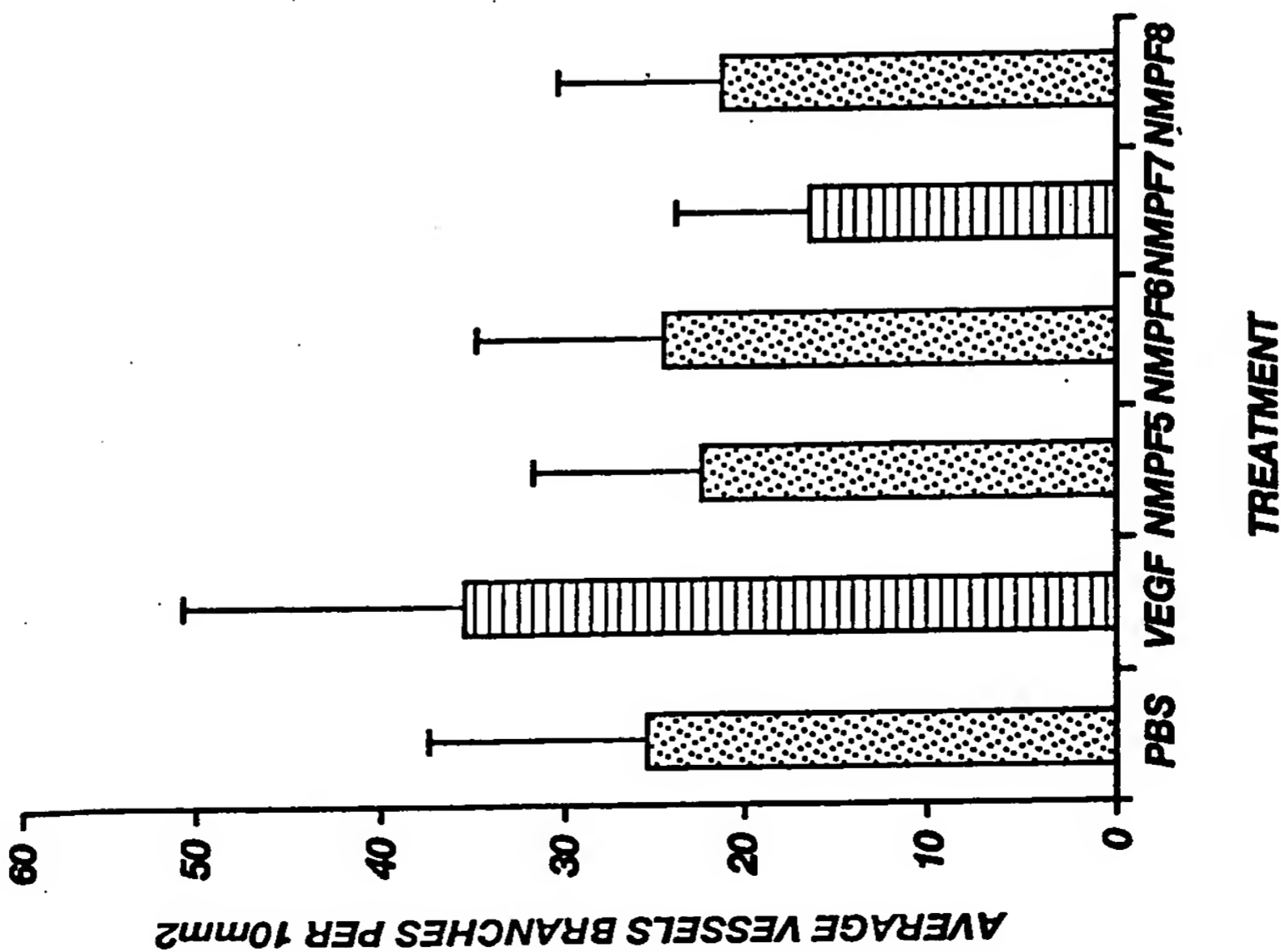


Fig. 22

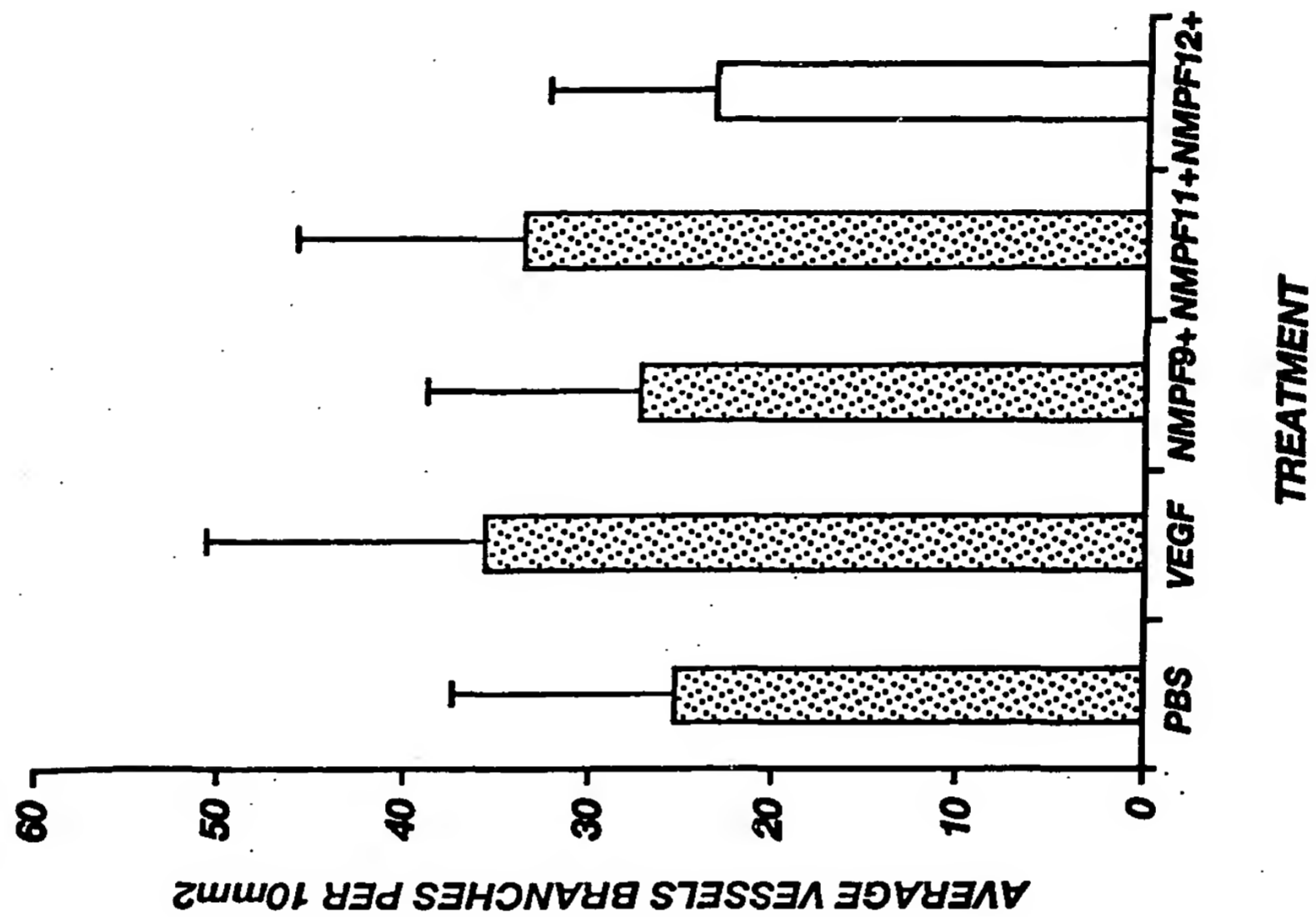


Fig. 25

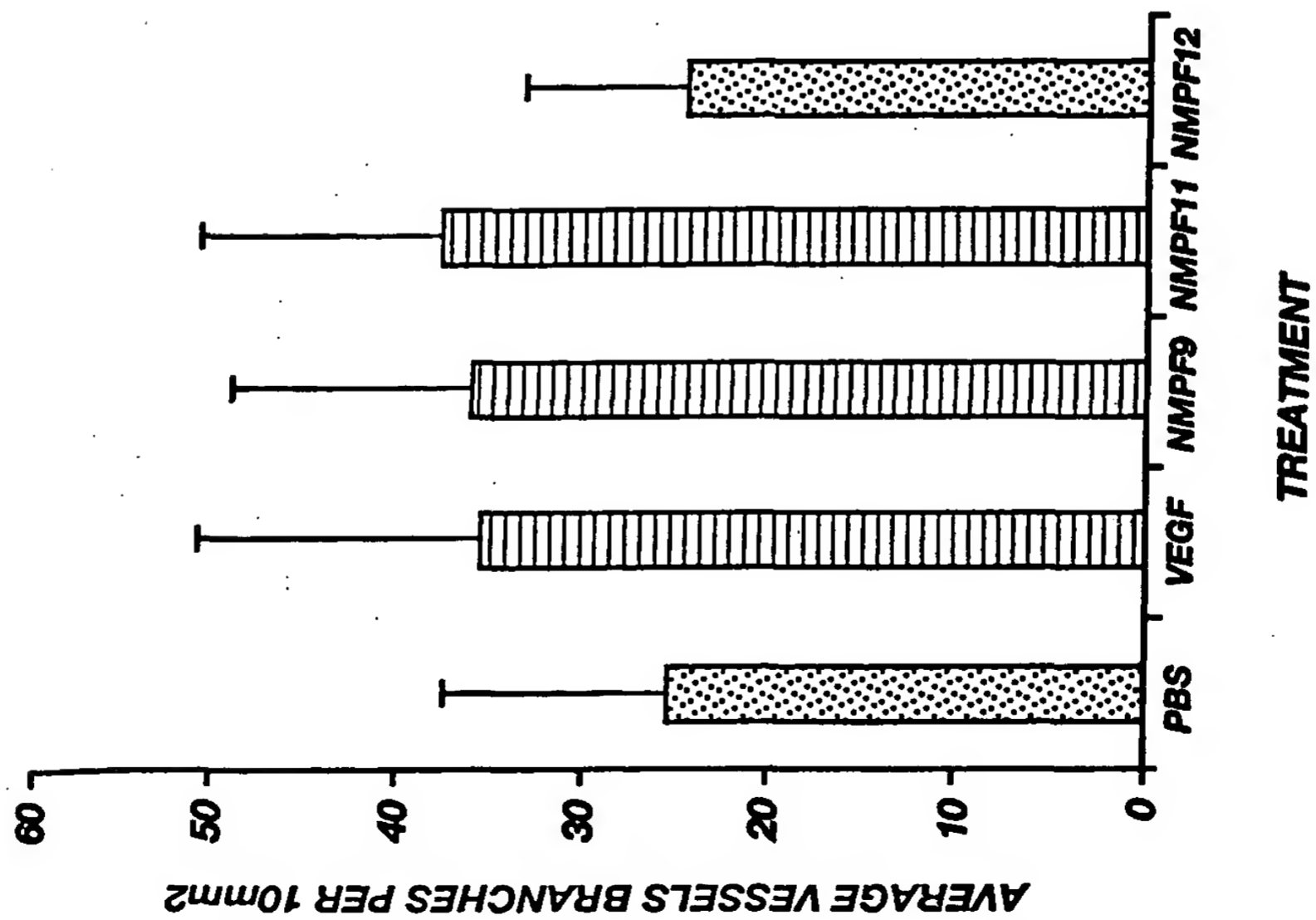


Fig. 24



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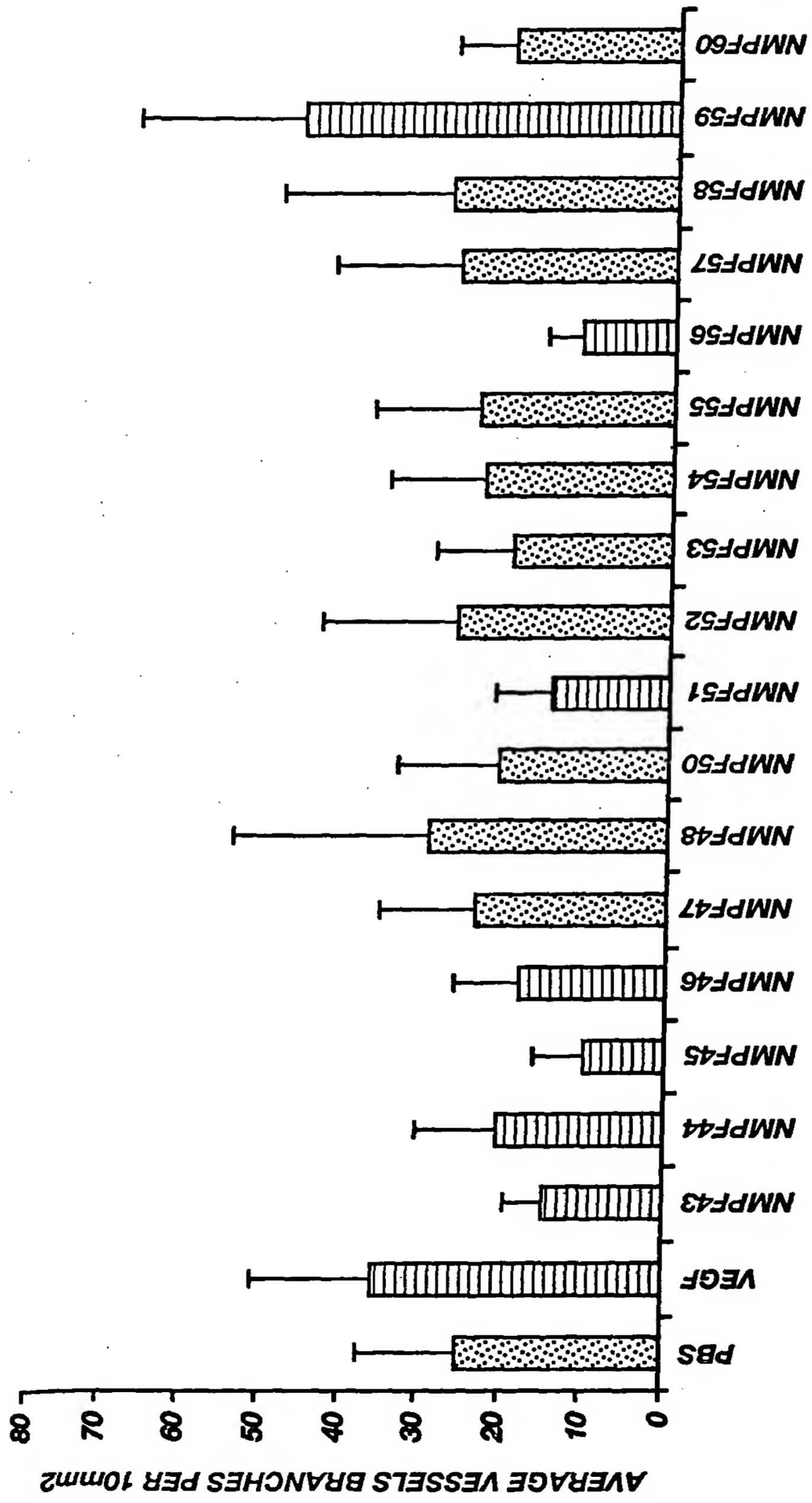
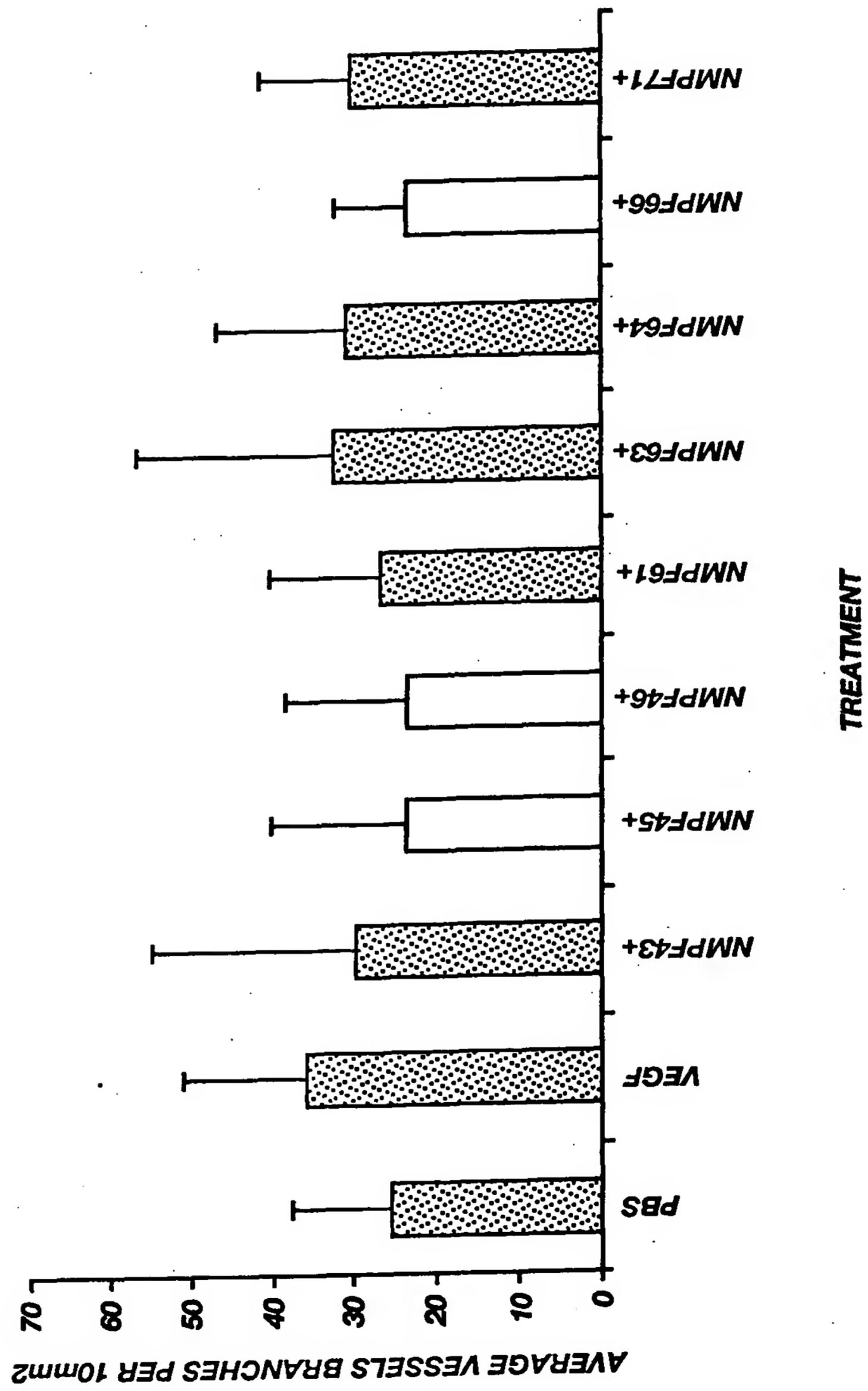
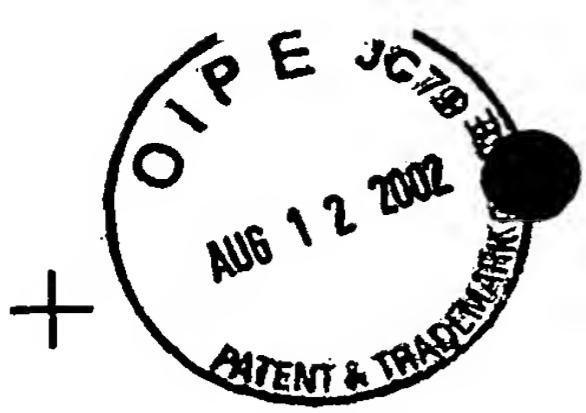


Fig. 26



**Fig. 27**



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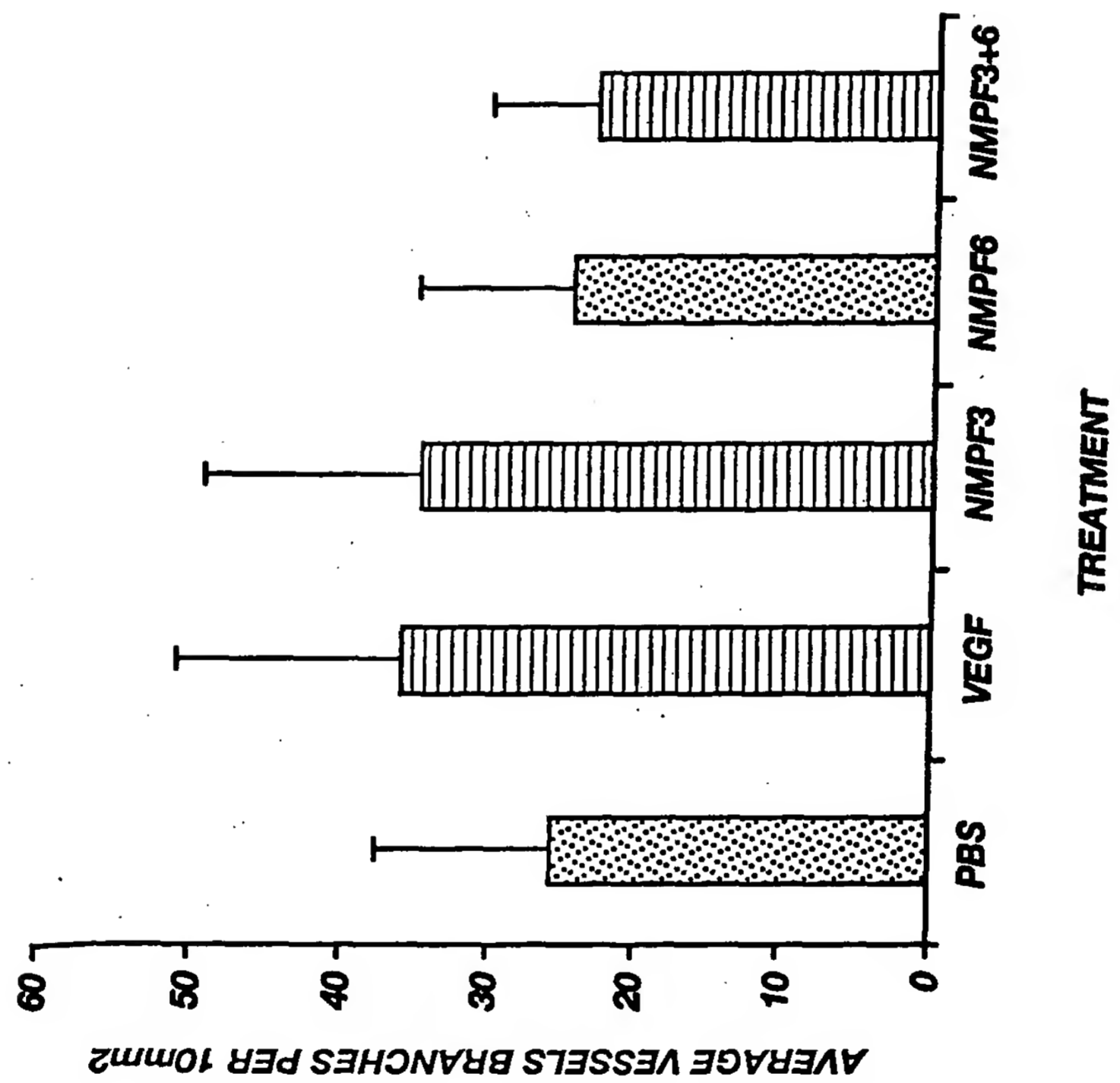


Fig. 28



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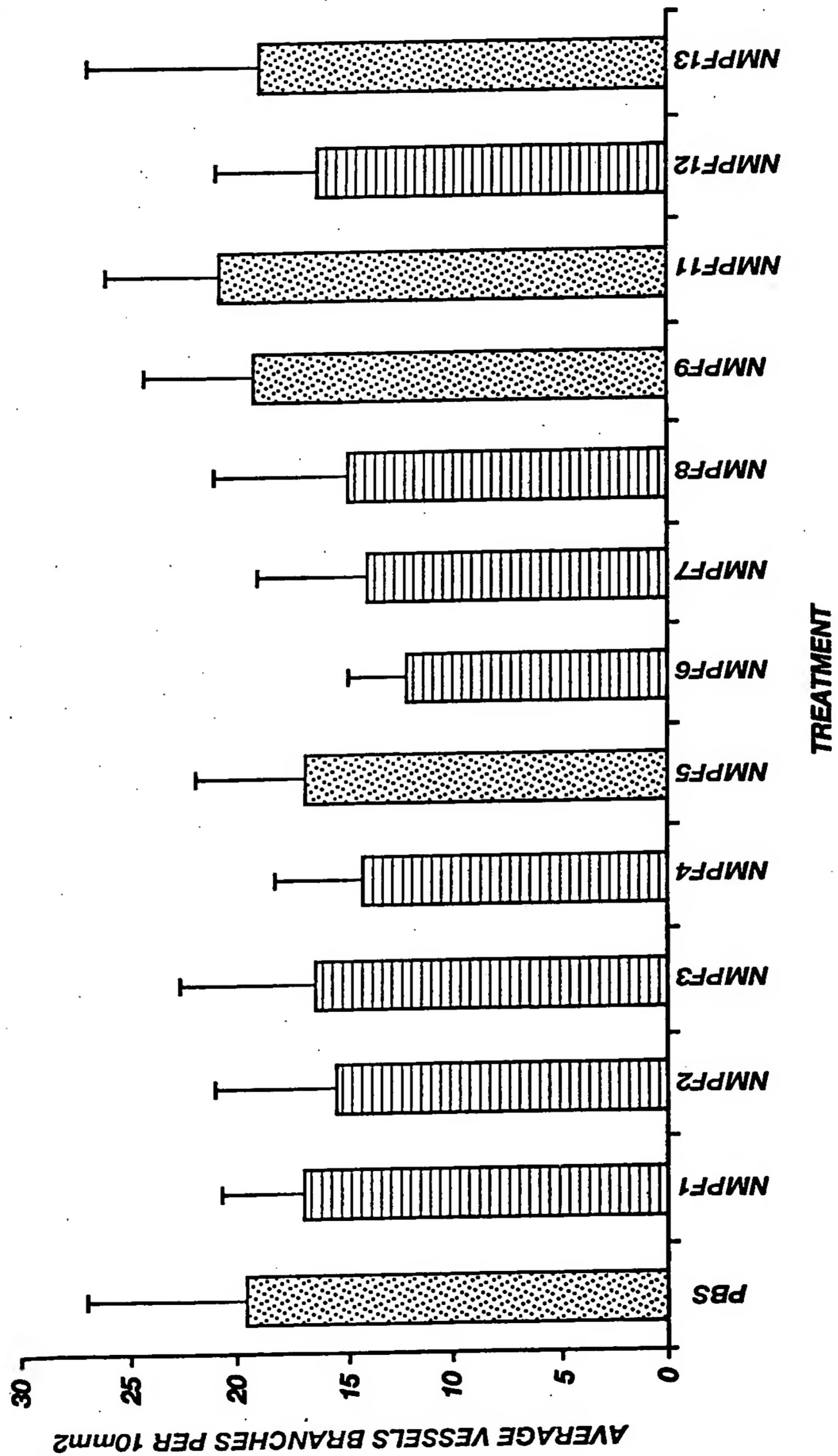


Fig. 29



TITLE: GENE REGULATOR  
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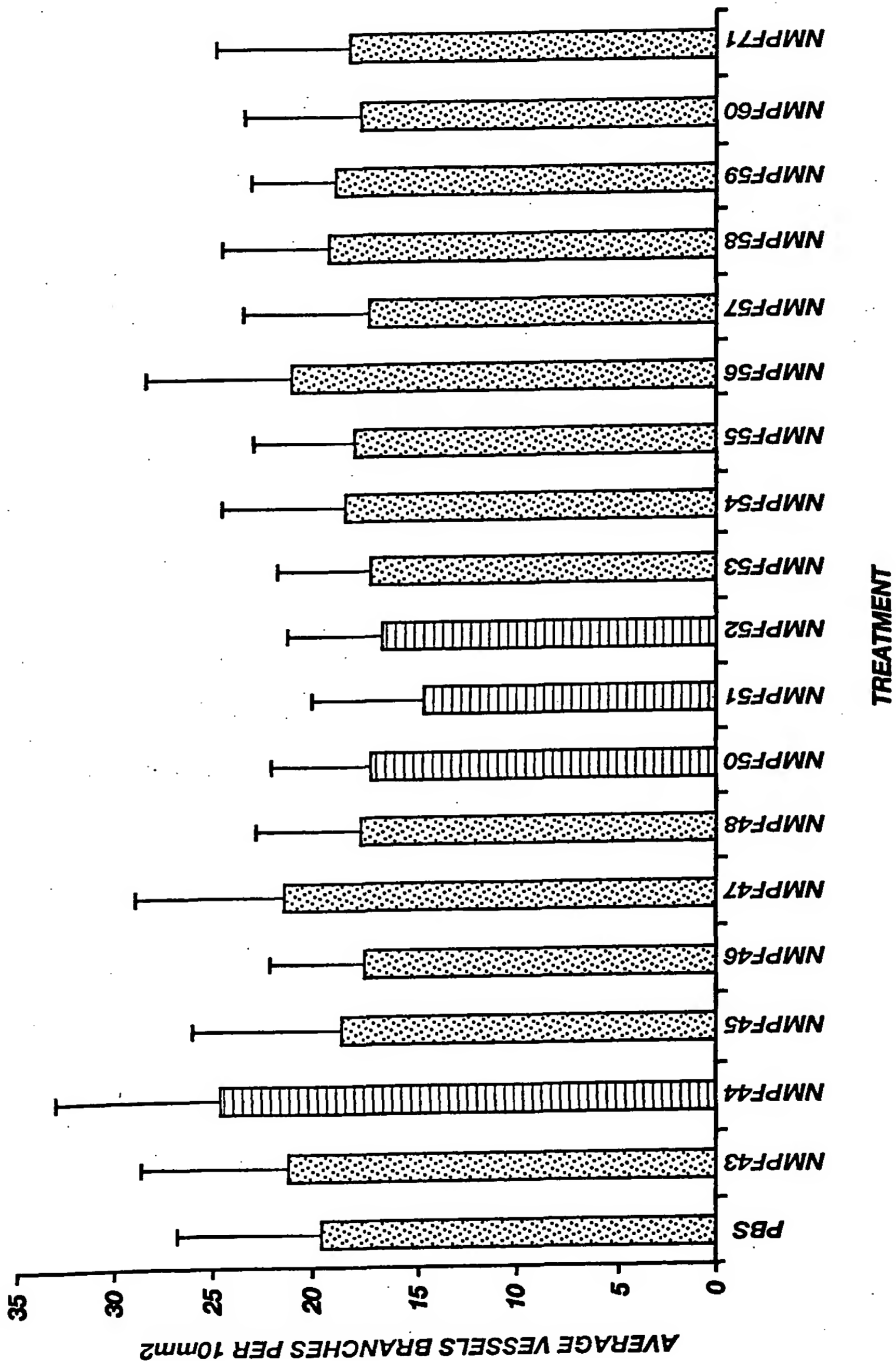


Fig. 30



TITLE: GENE REGULATOR  
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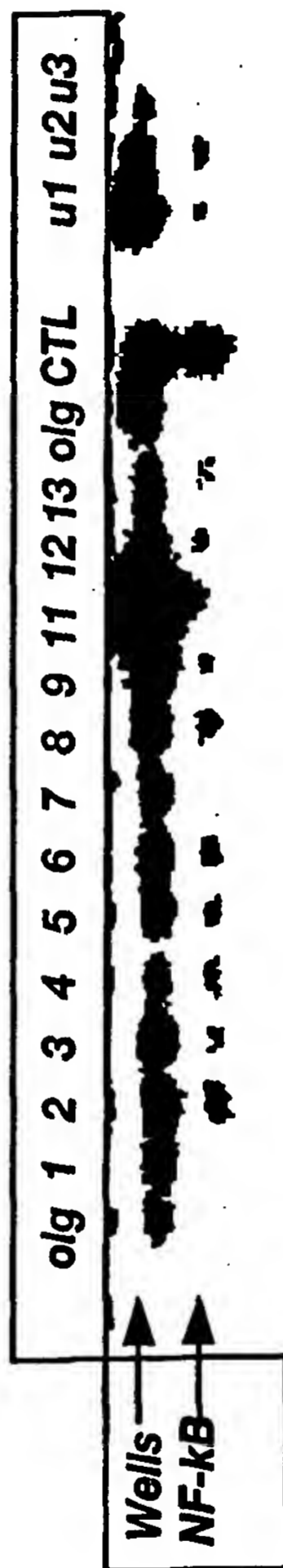


Fig. 31

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TITLE: GENE REGULATOR  
Inventor: Khan et al.  
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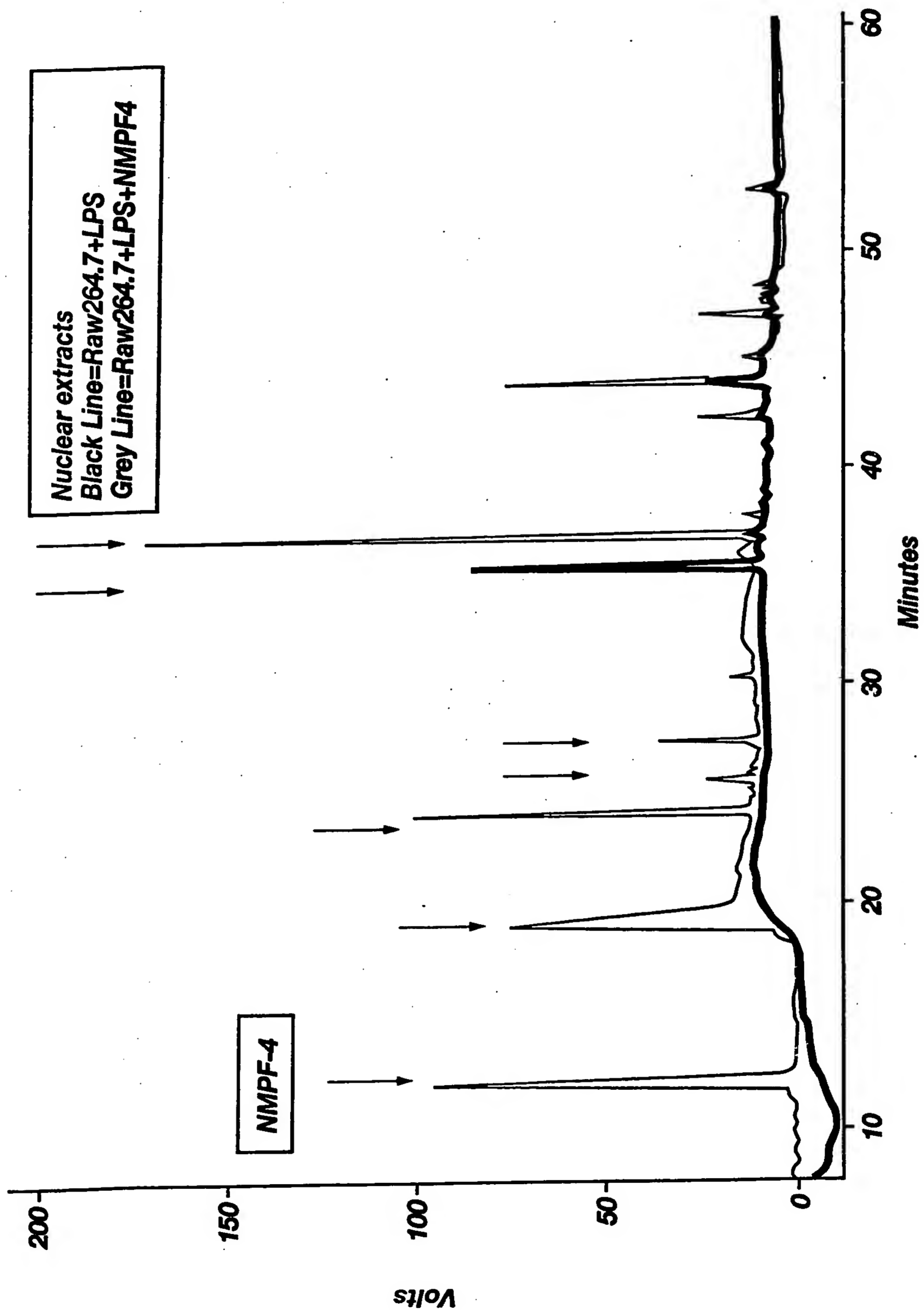


Fig. 32

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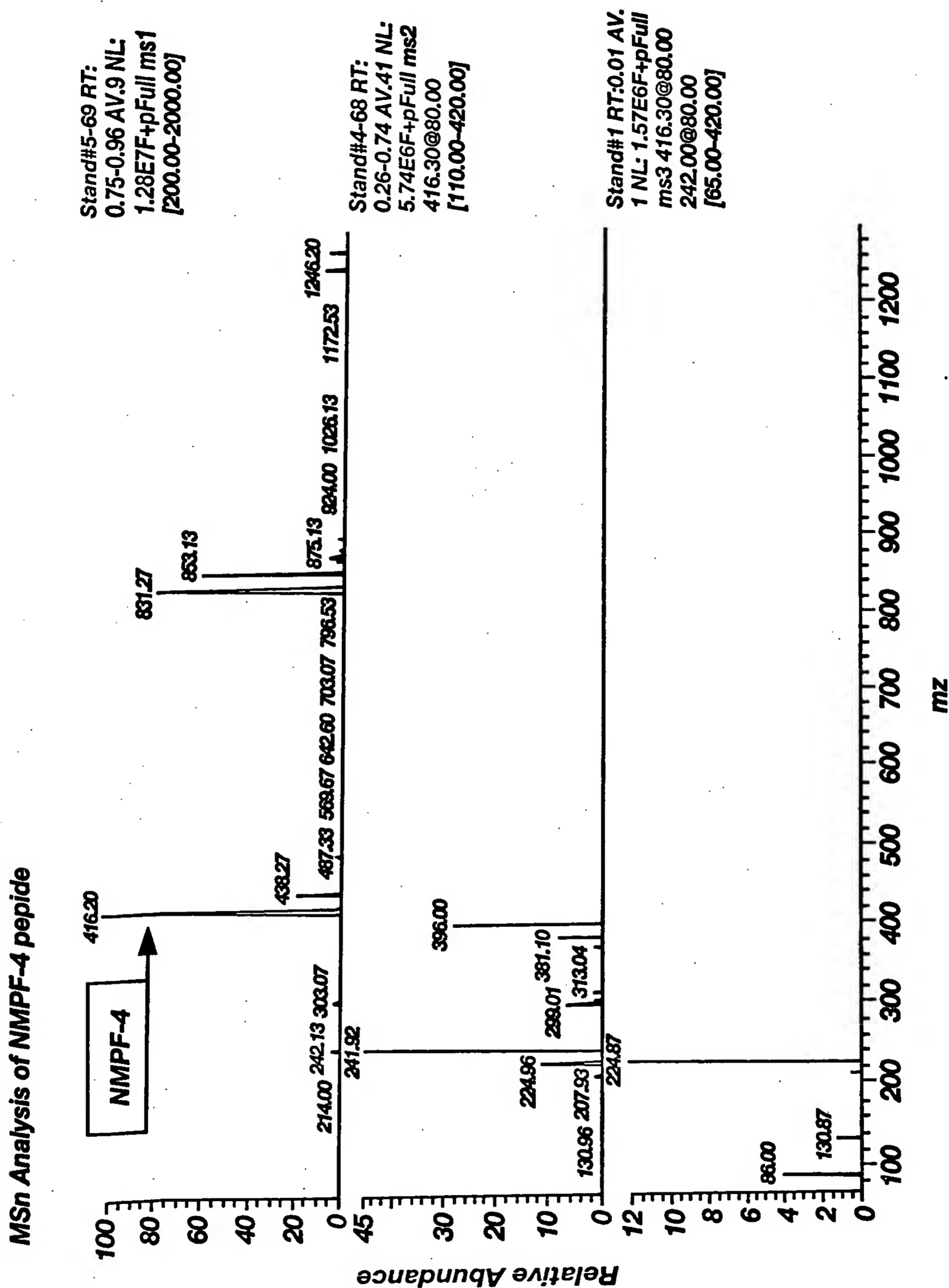


Fig. 33

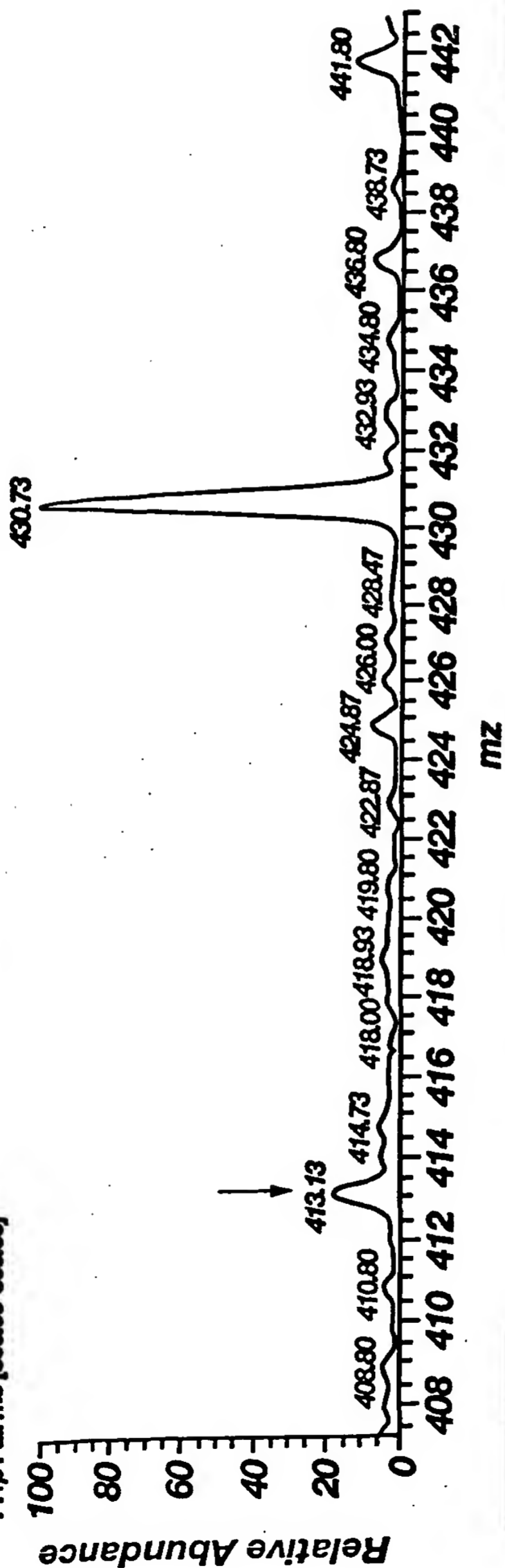


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Fraction from nuclear extract of LPS stimulated RAW264.7 cells

lps-push #35-66 RT: 0.24-0.46 AV.32 SM 7B NL-1.64E5  
P.+p Full ms [300.00-500.00]



lps-push #76-82 RT: 0.65-0.88 AV.7 NL-9.61E1  
P.+p Full ms [100.00-500.00]

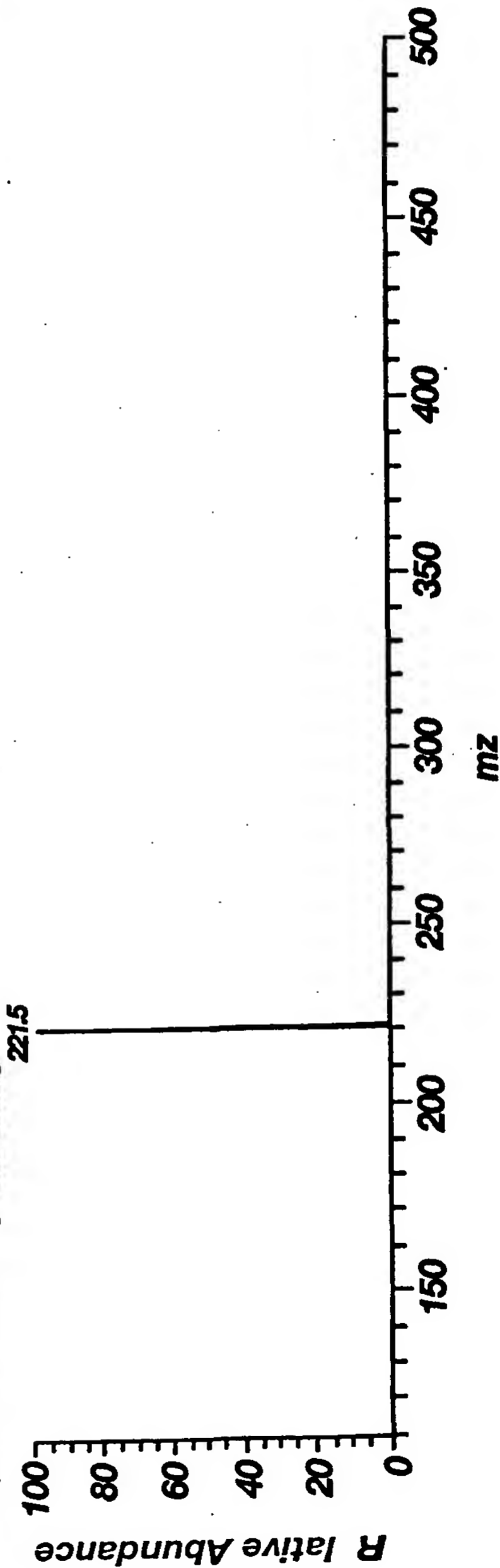


Fig. 34



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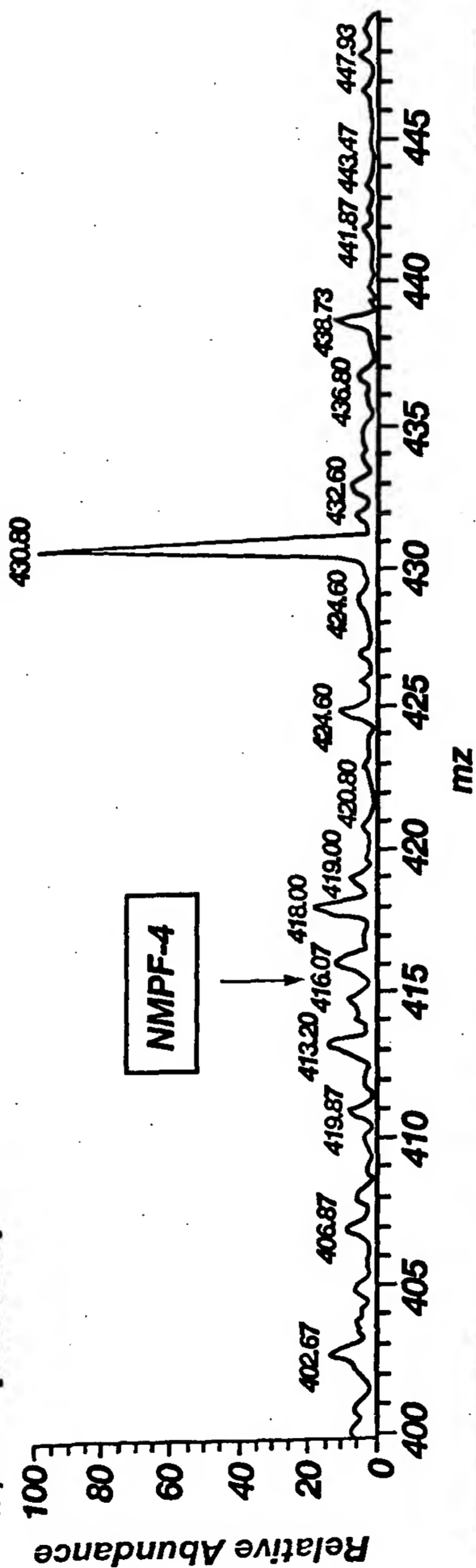
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Fraction from nuclear extract of NMP-4+LPS stimulated RAW264.7 cells

lps-NAK4-push #82-145 RT: 0.57-1.00 AV:64 NL:3.68E5  
T:tp Full ms [300.00-500.00]



lps-NAK4-push #159-173 RT: 1.25-1.69 AV:13 NL:2.99E3  
F:tp Full ms2416.10680.00 [110.00-500.00]

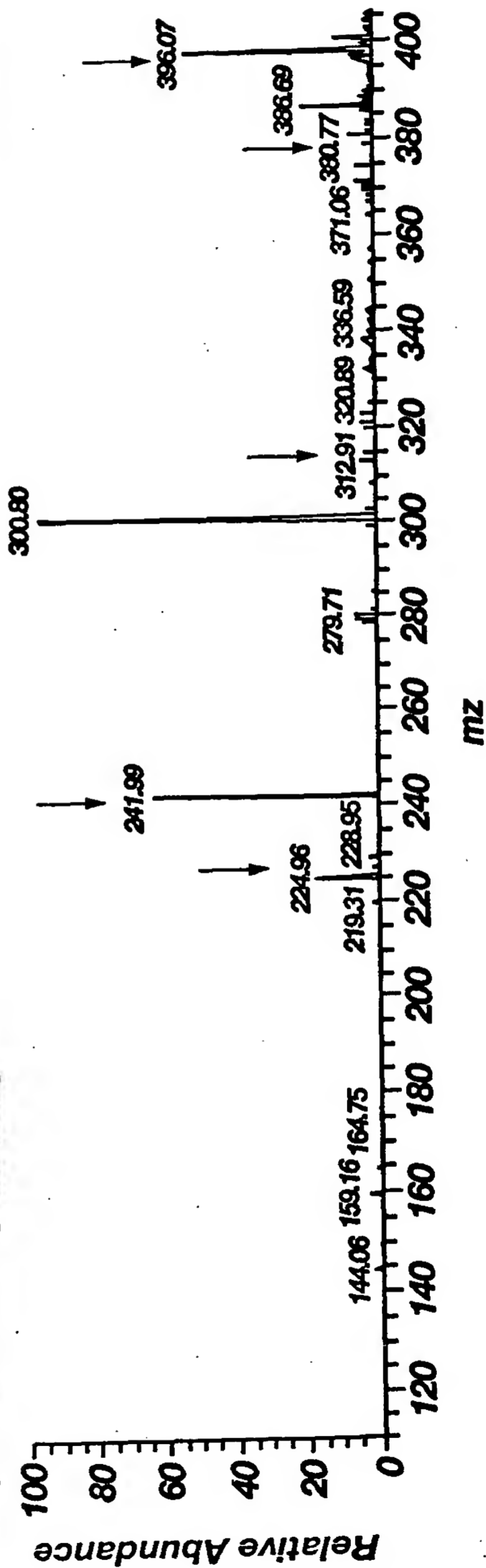


Fig. 35



TITLE: GENE REGULATOR  
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Heart-rate (beats per minute) of Ri429 during sepsis

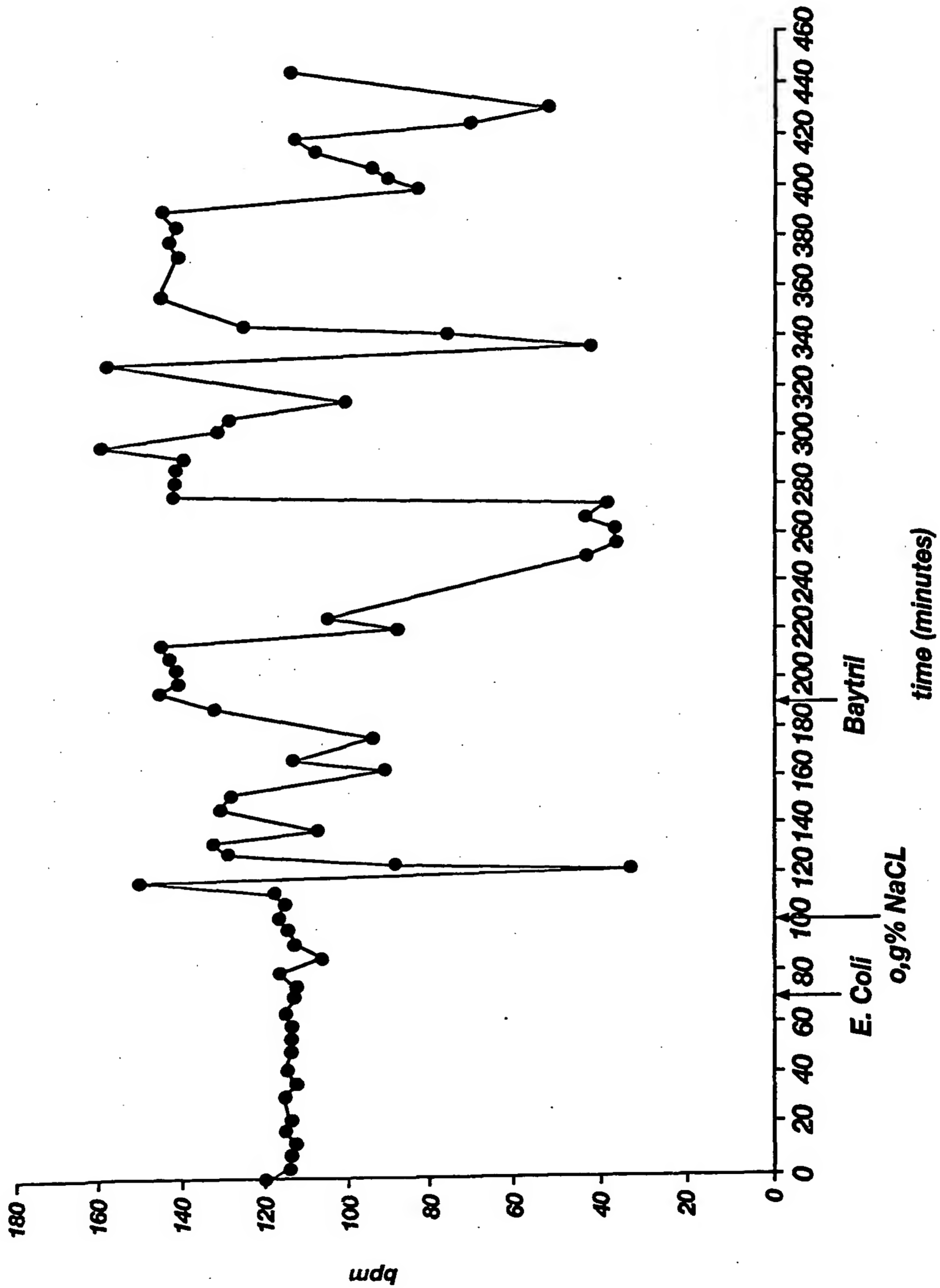


Fig. 36



TITLE: GENE REGULATOR  
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Blood pressure (mmHg) of Ri429 during sepsis without treatment

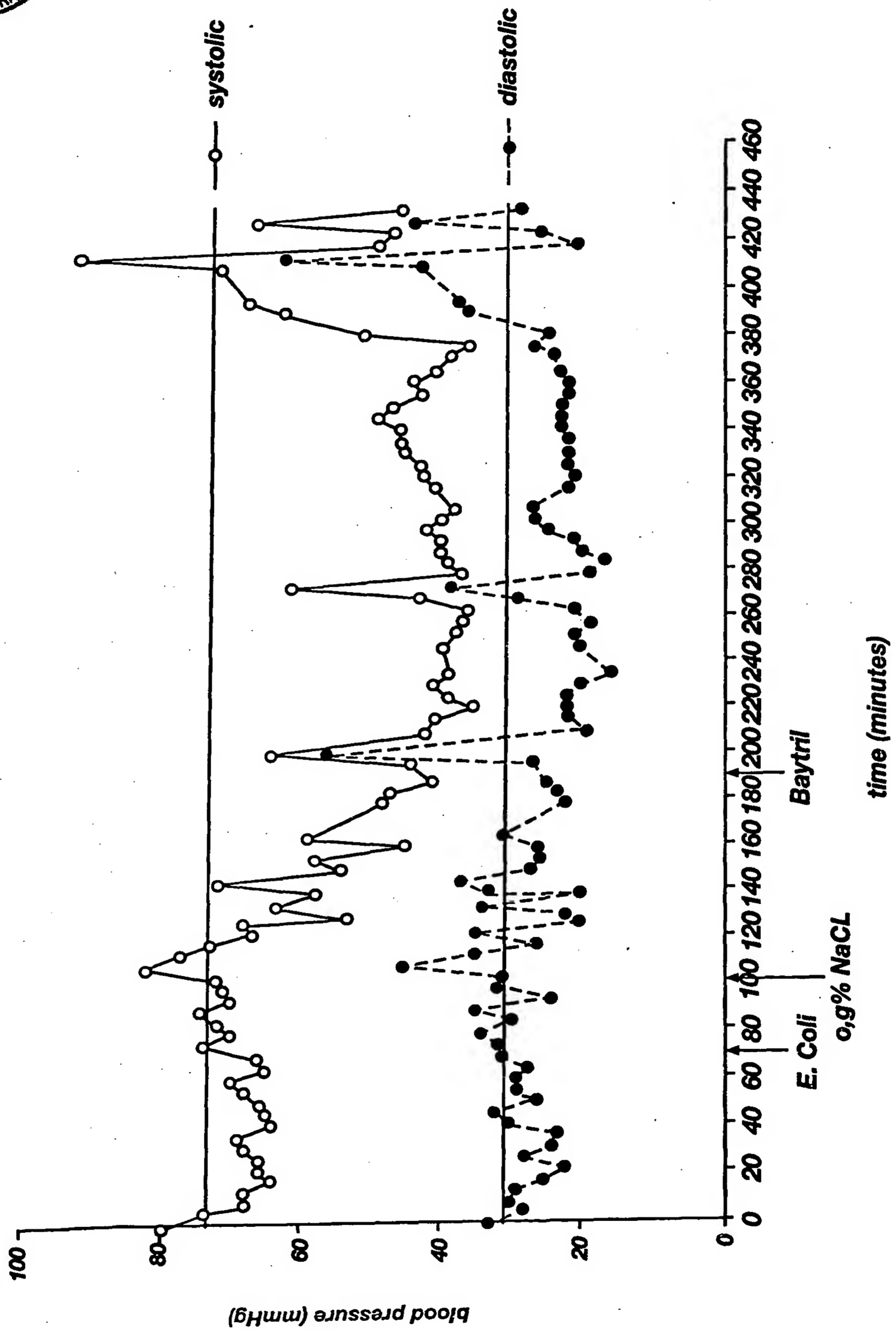


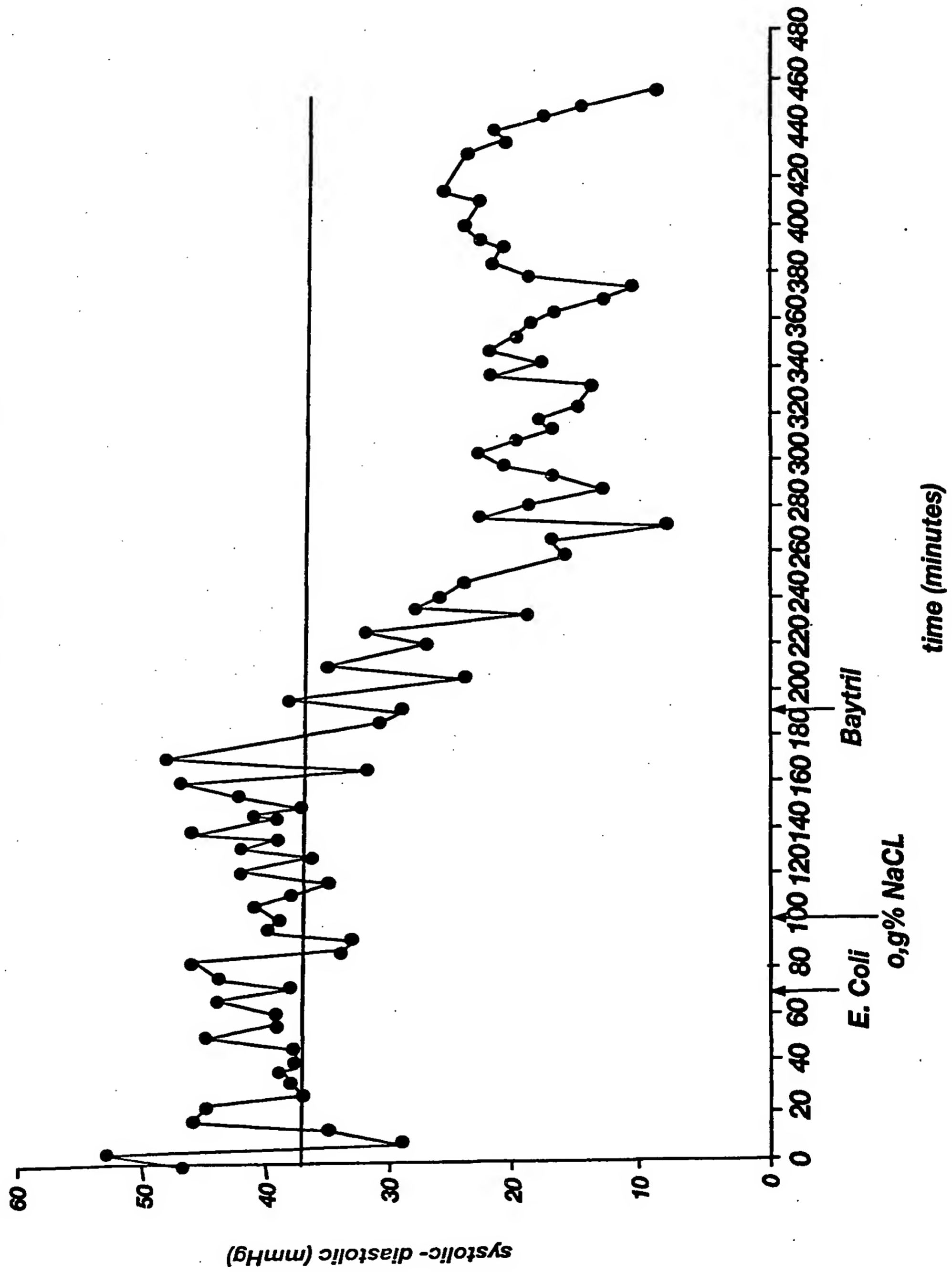
Fig. 37



TITLE: GENE REGULATOR  
Inventor: Khan et al.  
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**Systolic-Diastolic bp of Ri429 during sepsis without treatment**



**Fig. 38**

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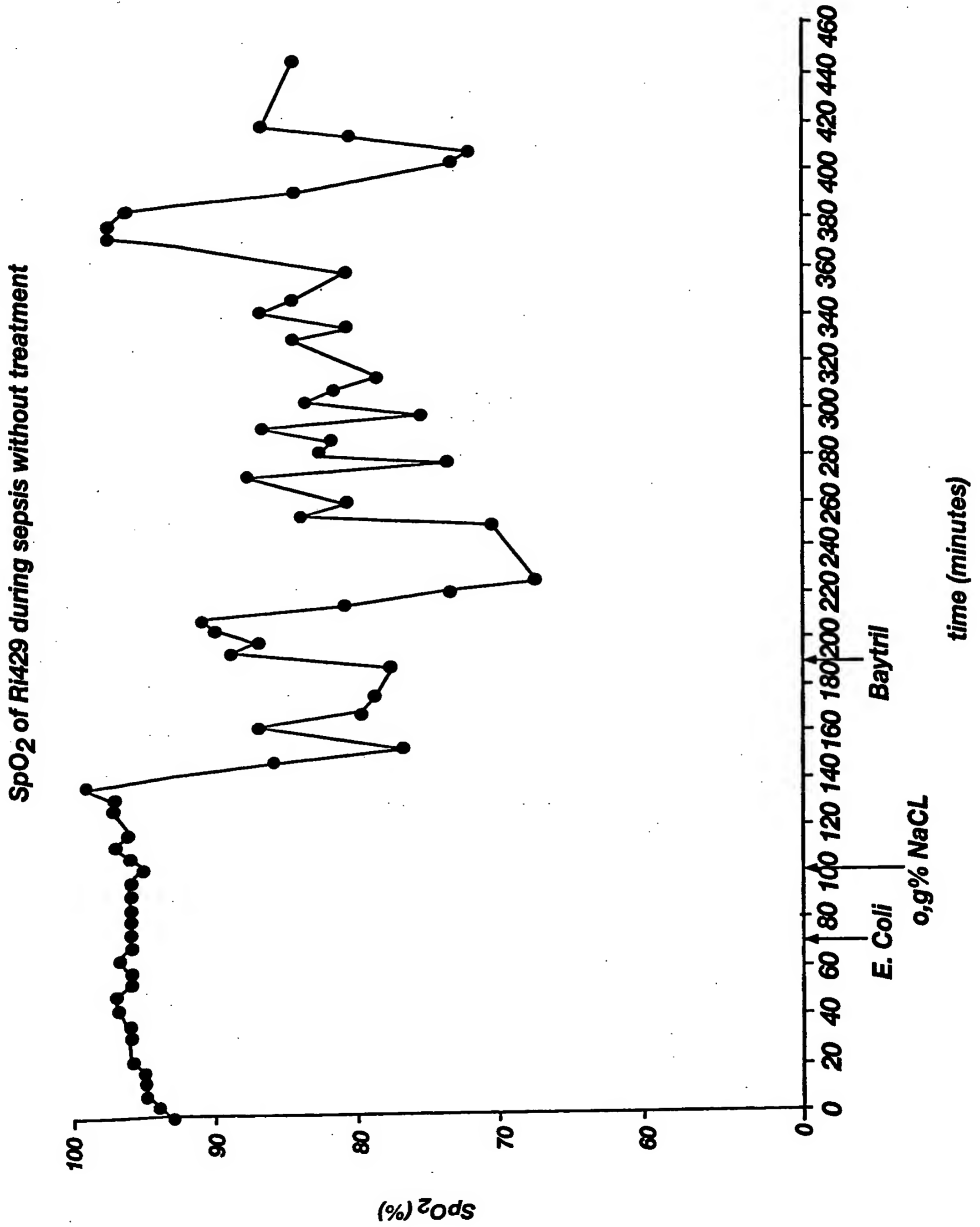


Fig. 39

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TITLE: GENE REGULATOR  
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Heart-rate (beats per minute) of Ri459 during sepsis

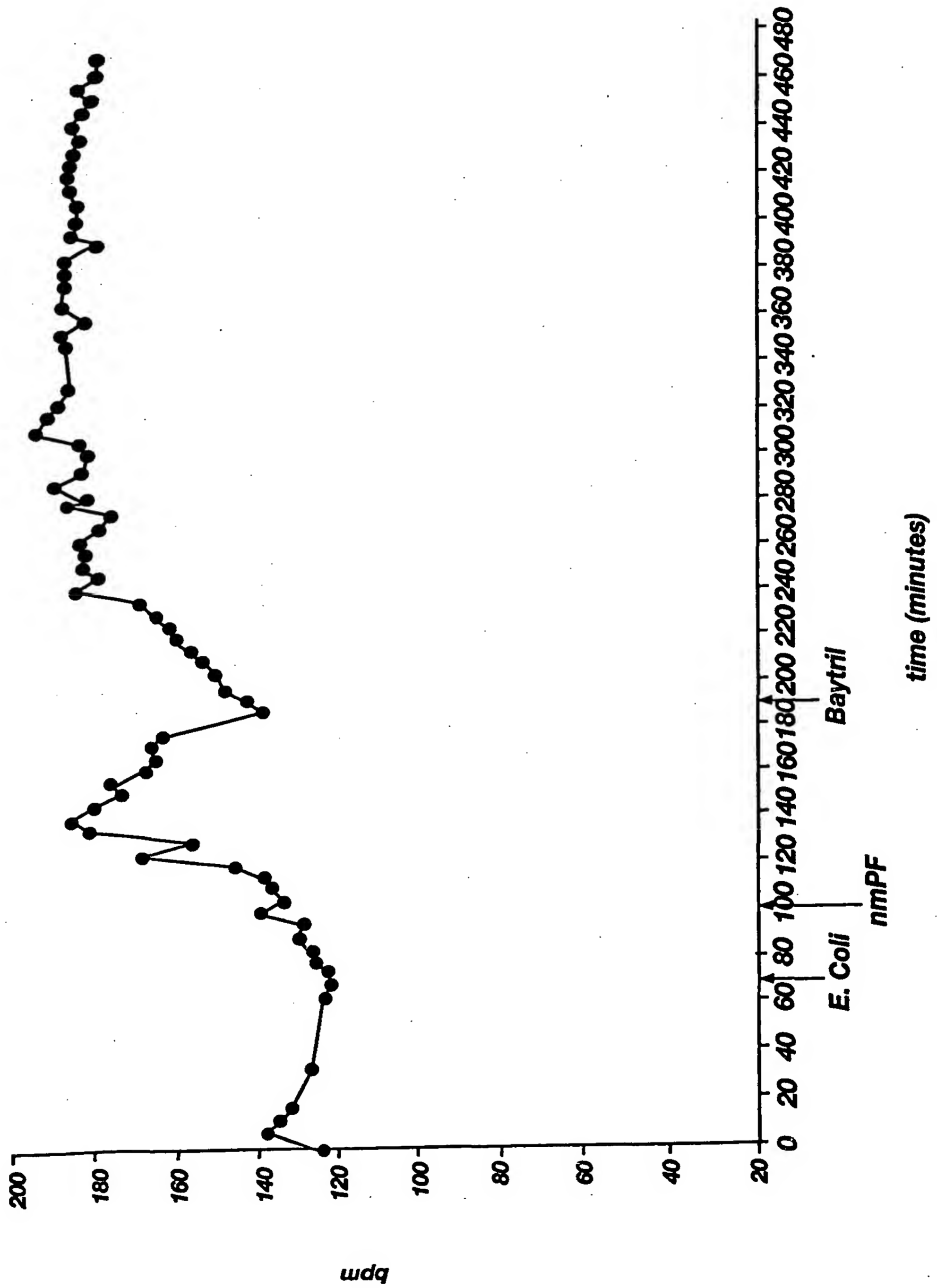


Fig. 40

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TITLE: GENE REGULATOR  
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Blood pressure (mmHg) of Ri459 during sepsis and treatment with NMPF

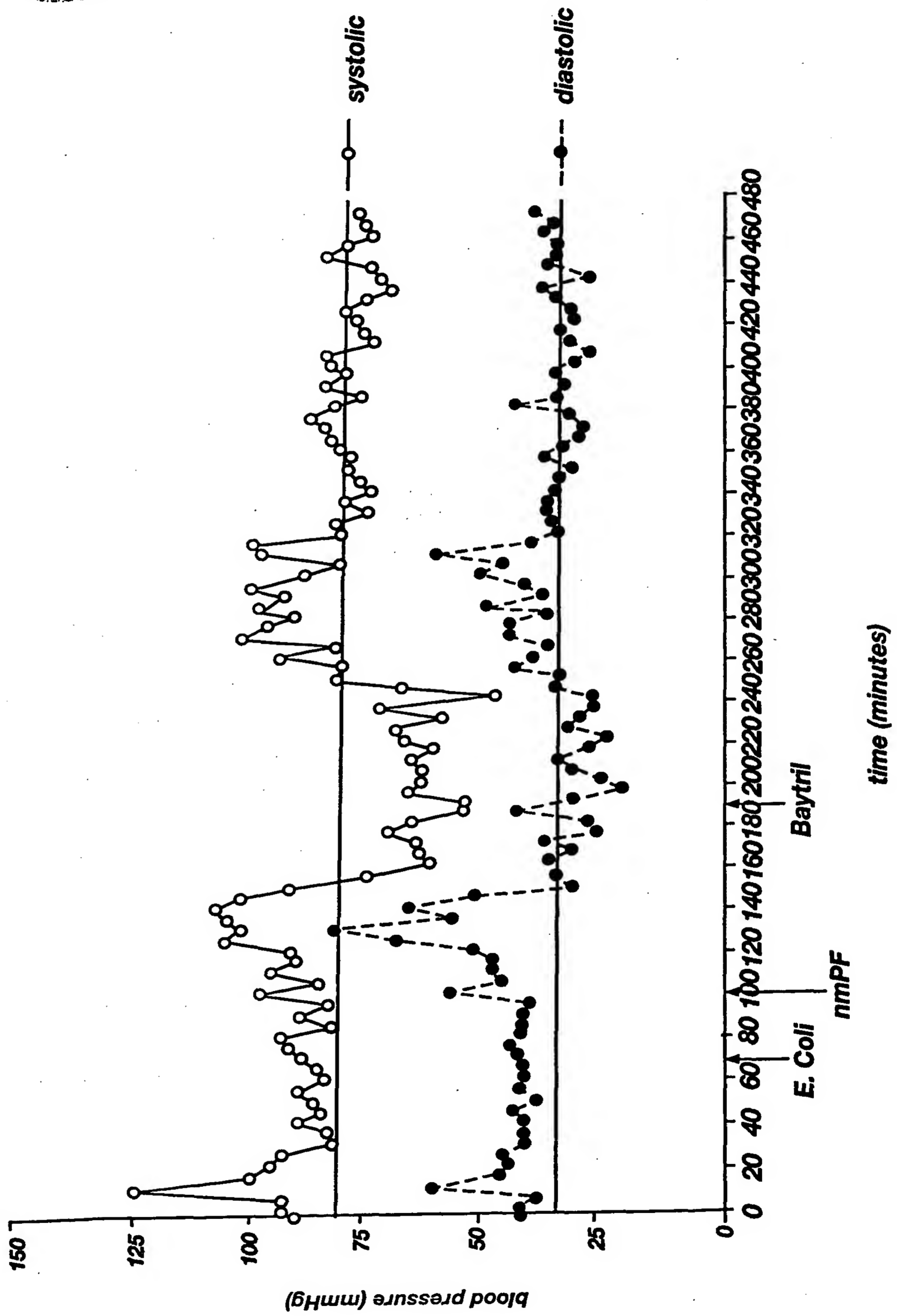


Fig. 41

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Systolic- Diastolic bp of R1459 during treatment with NMPF

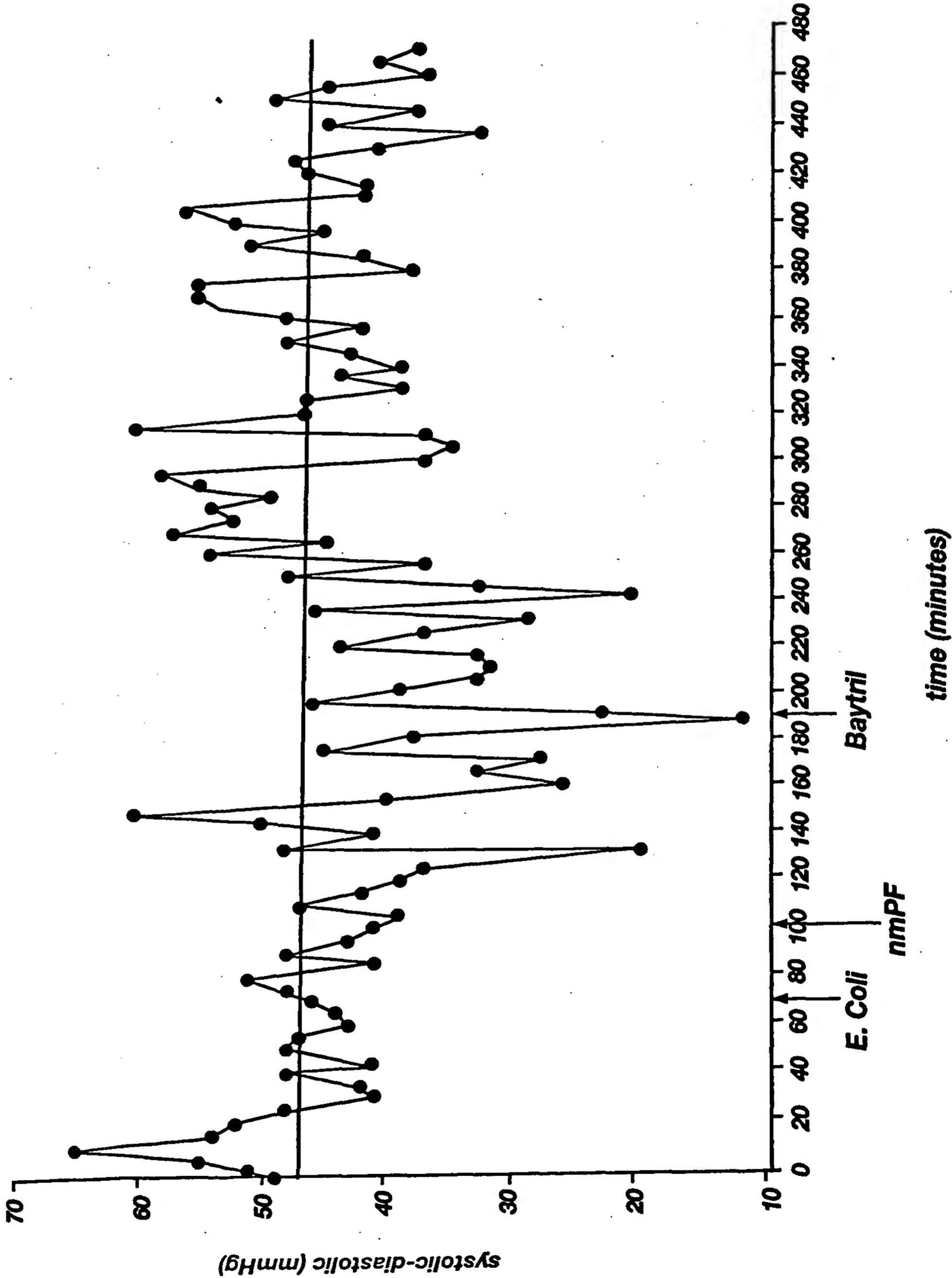


Fig. 42

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TITLE: GENE REGULATOR  
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SpO<sub>2</sub> of Ri459 during sepsis and treatment with NMPF

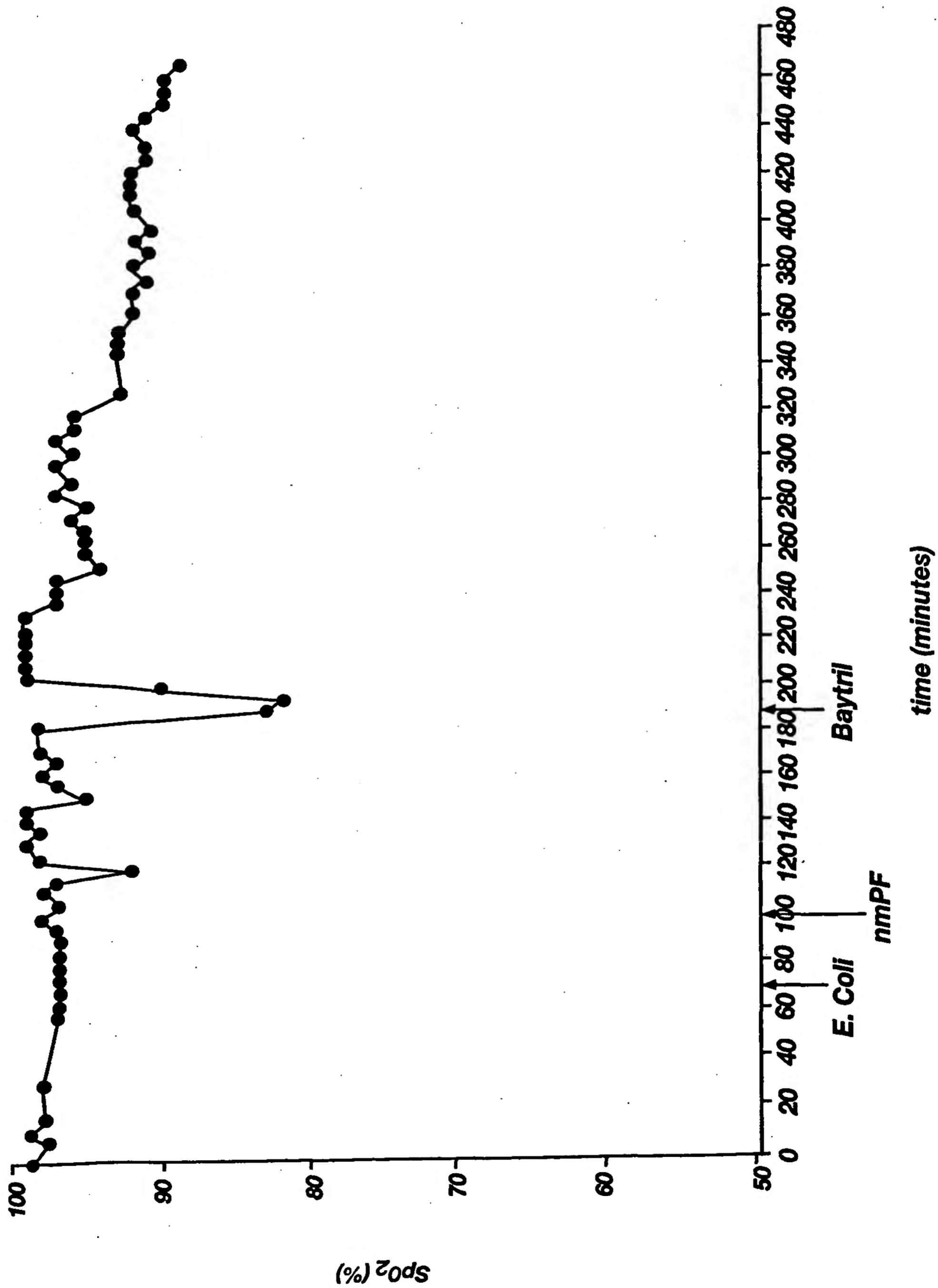


Fig. 43

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TITLE: GENE REGULATOR  
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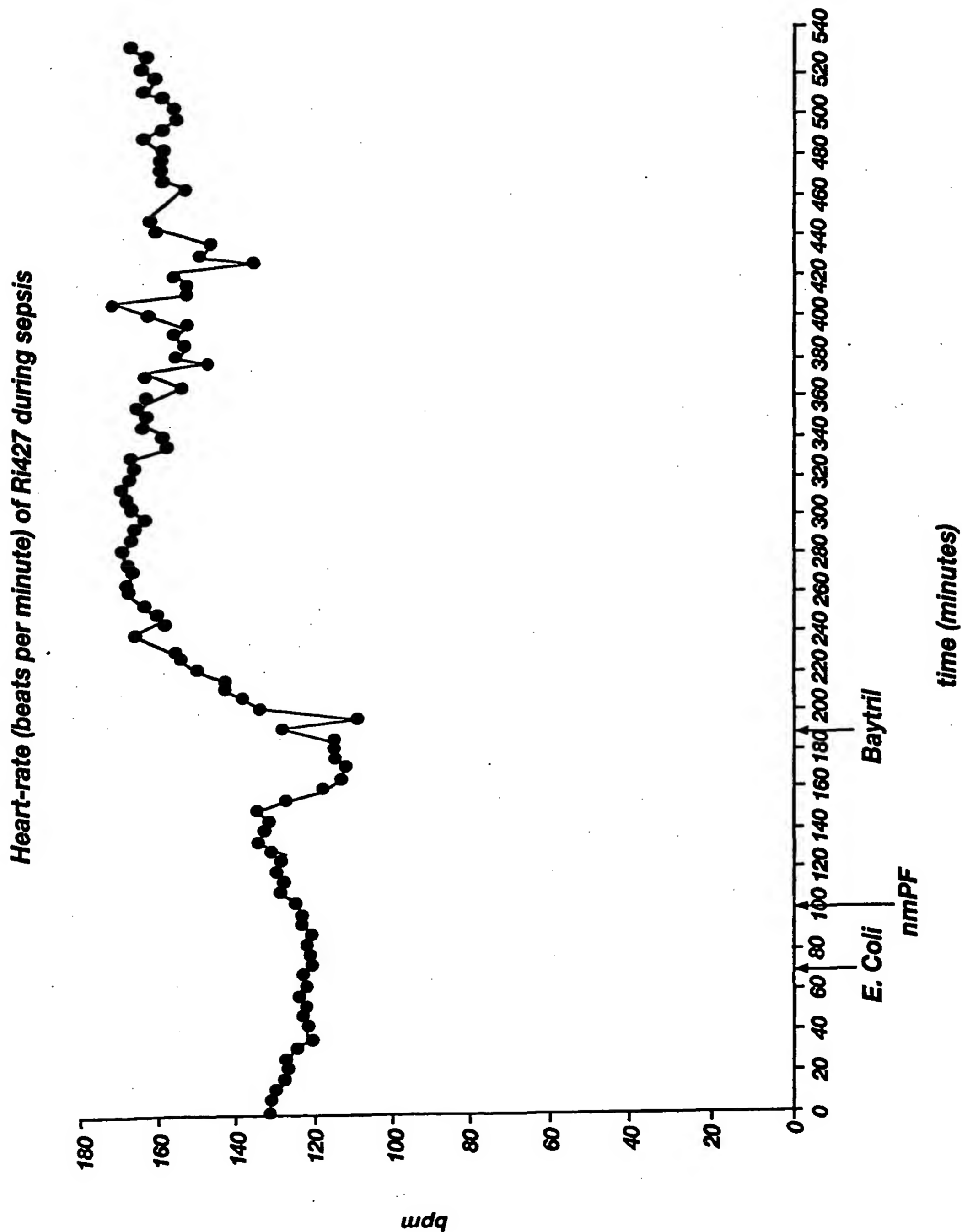


Fig. 44

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TITLE: GENE REGULATOR  
Inventor: Khan et al.  
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Blood pressure (mmHg) of Ri427 during sepsis and treatment with NMPF

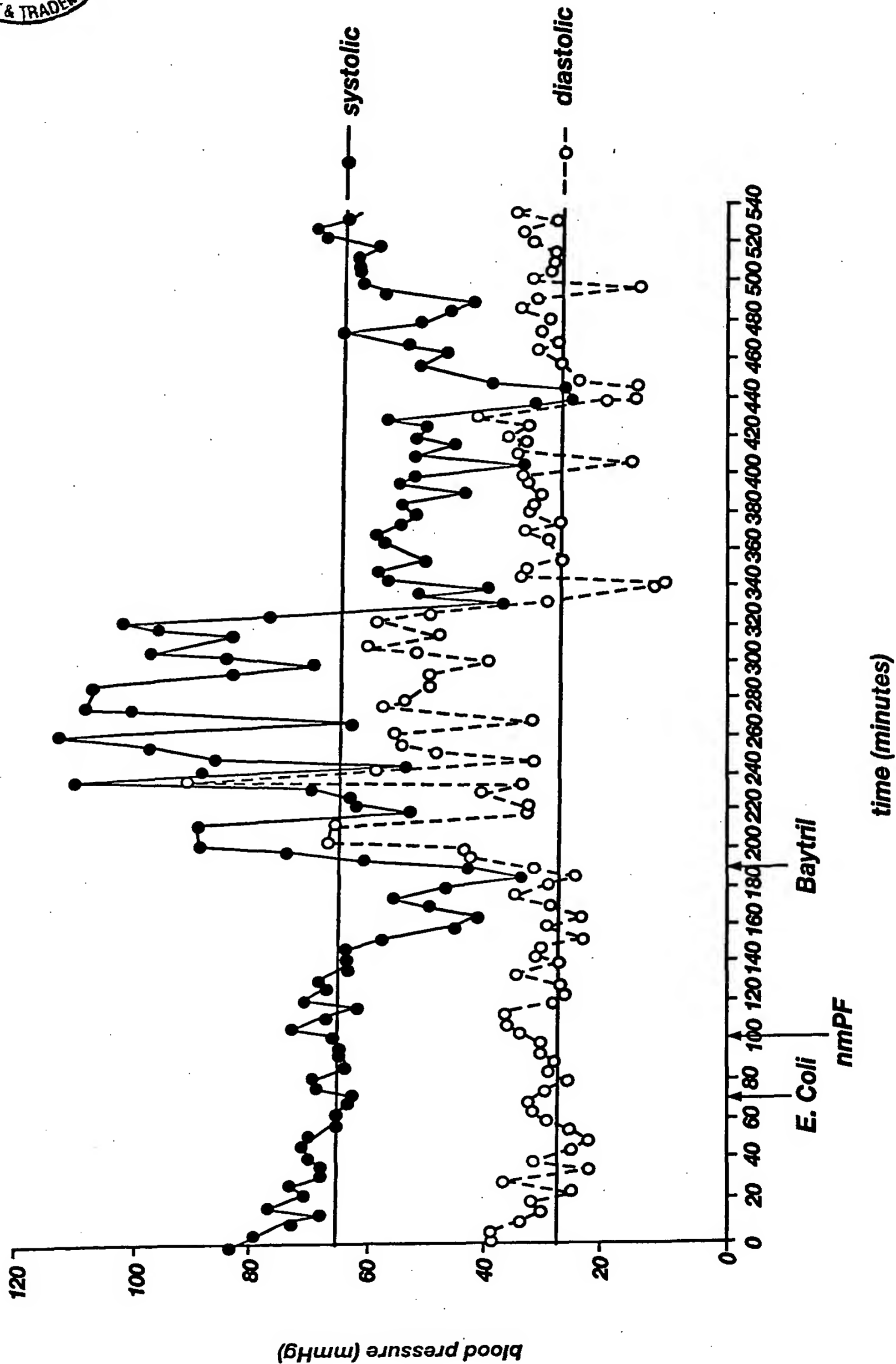


Fig. 45



TITLE: GENE REGULATOR

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Systolic-Diastolic bp of Ri427 during treatment with NMPF

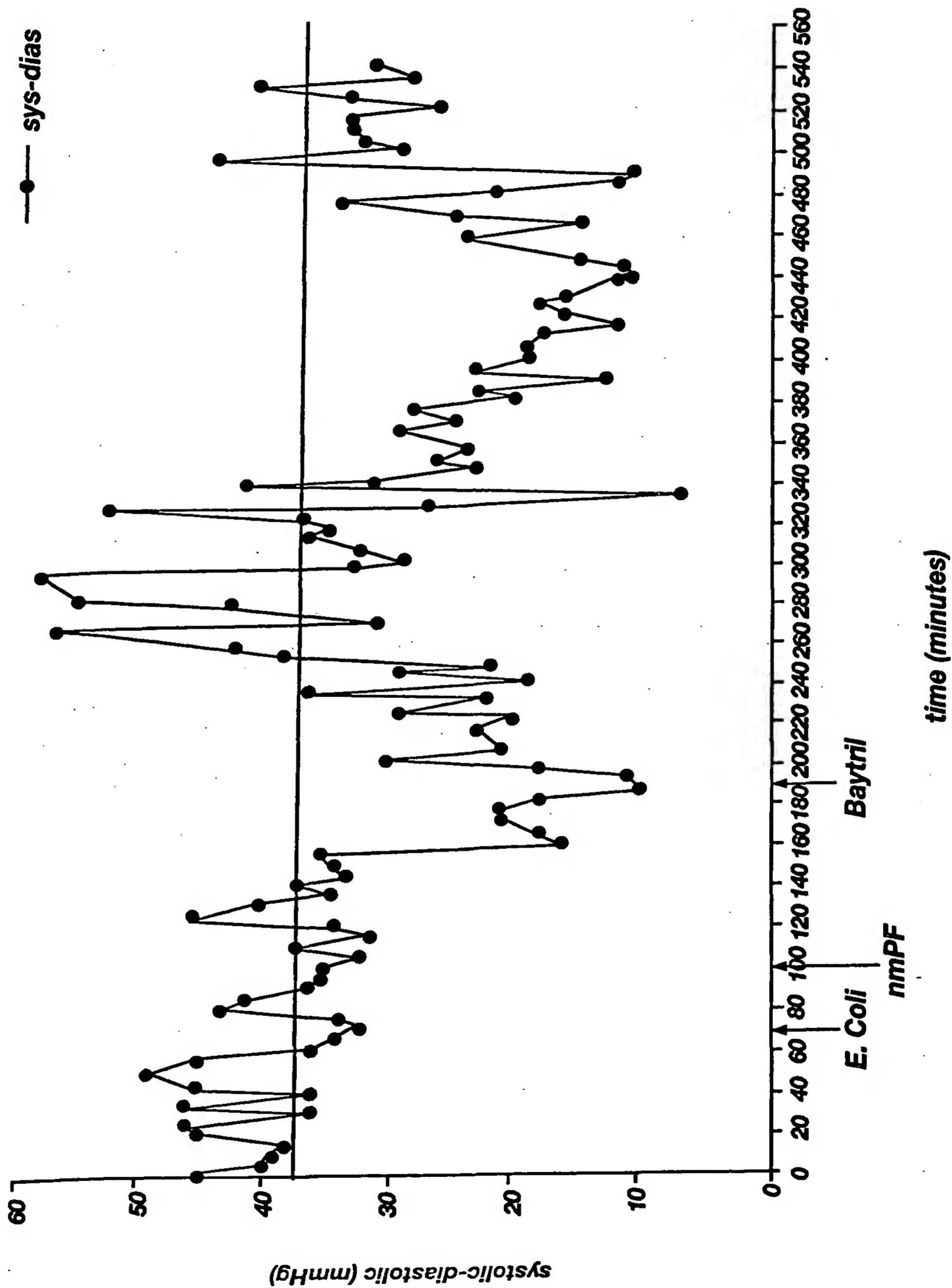


Fig. 46



SpO<sub>2</sub> of Ri459 during sepsis and treatment with NMPF

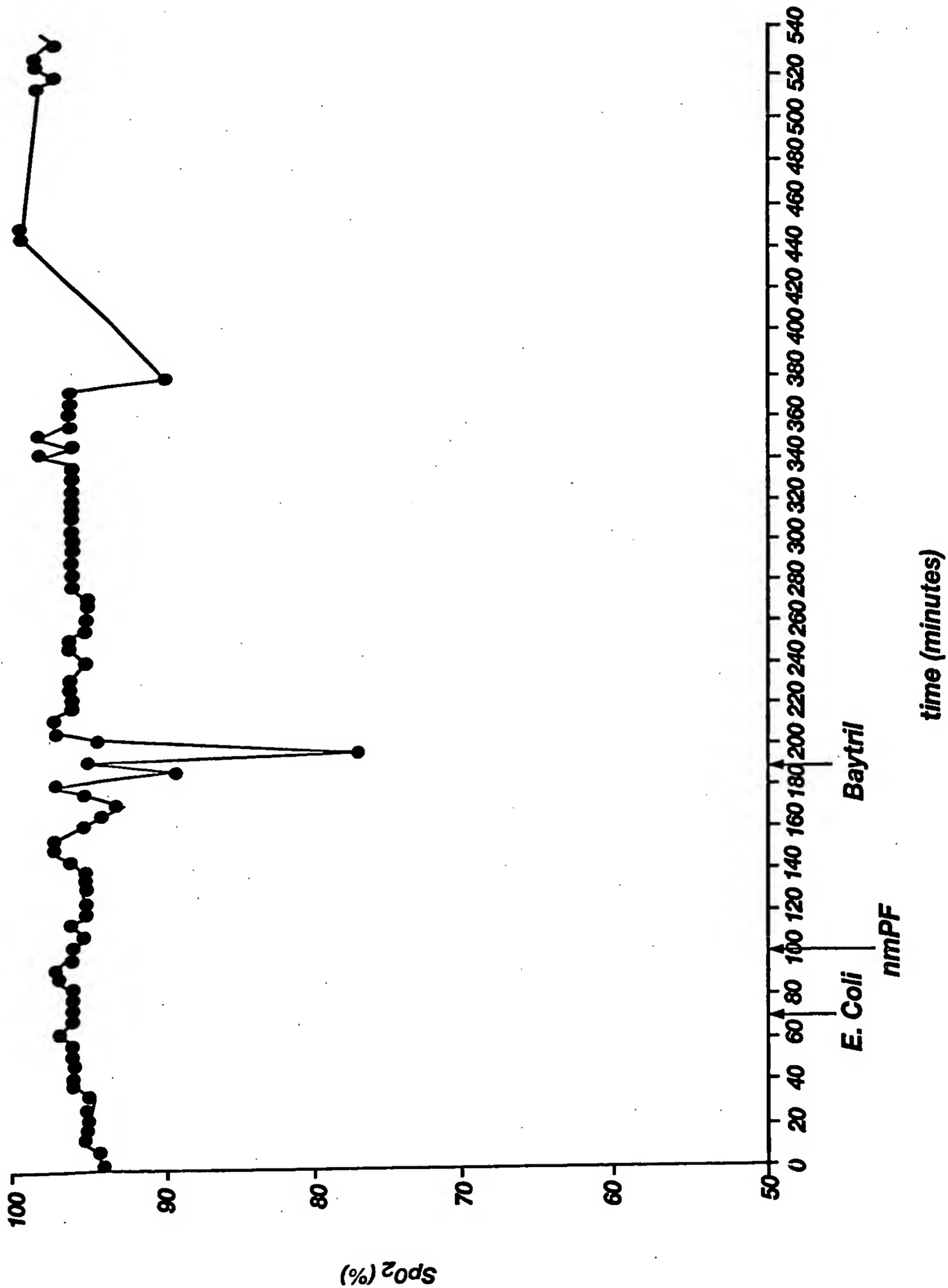


Fig. 47

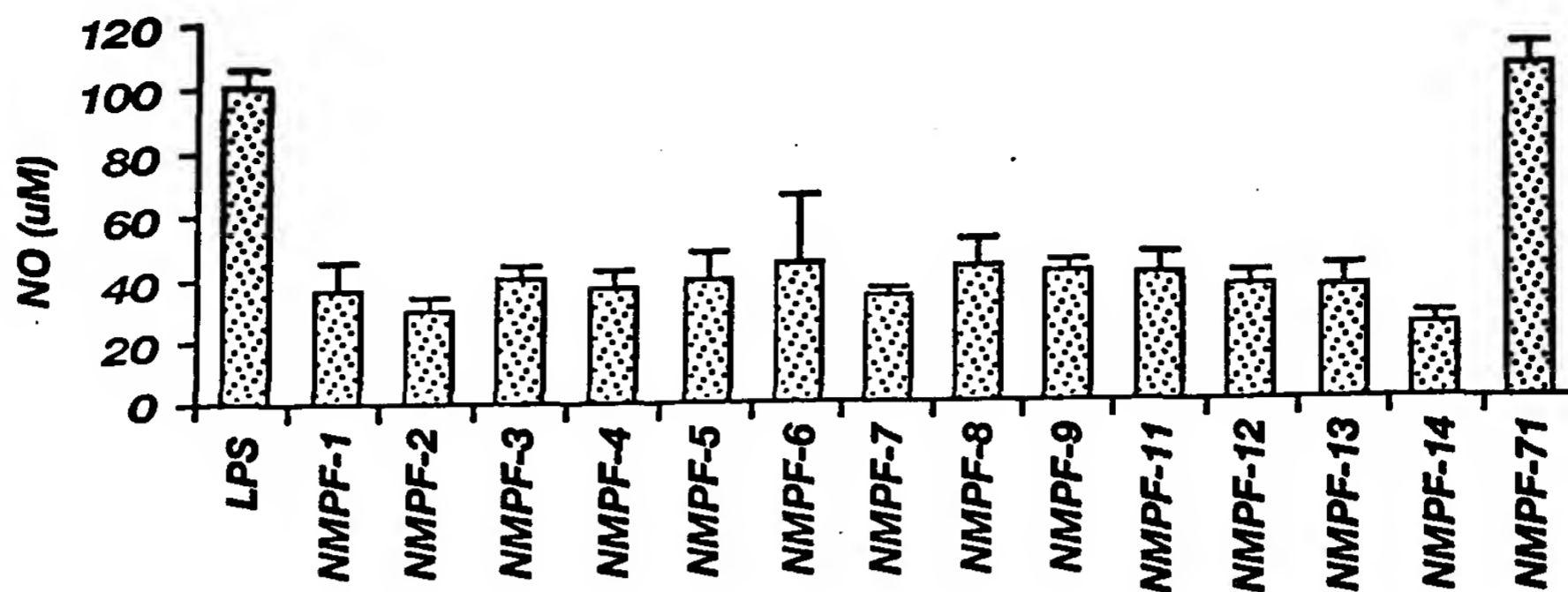


Fig. 48A

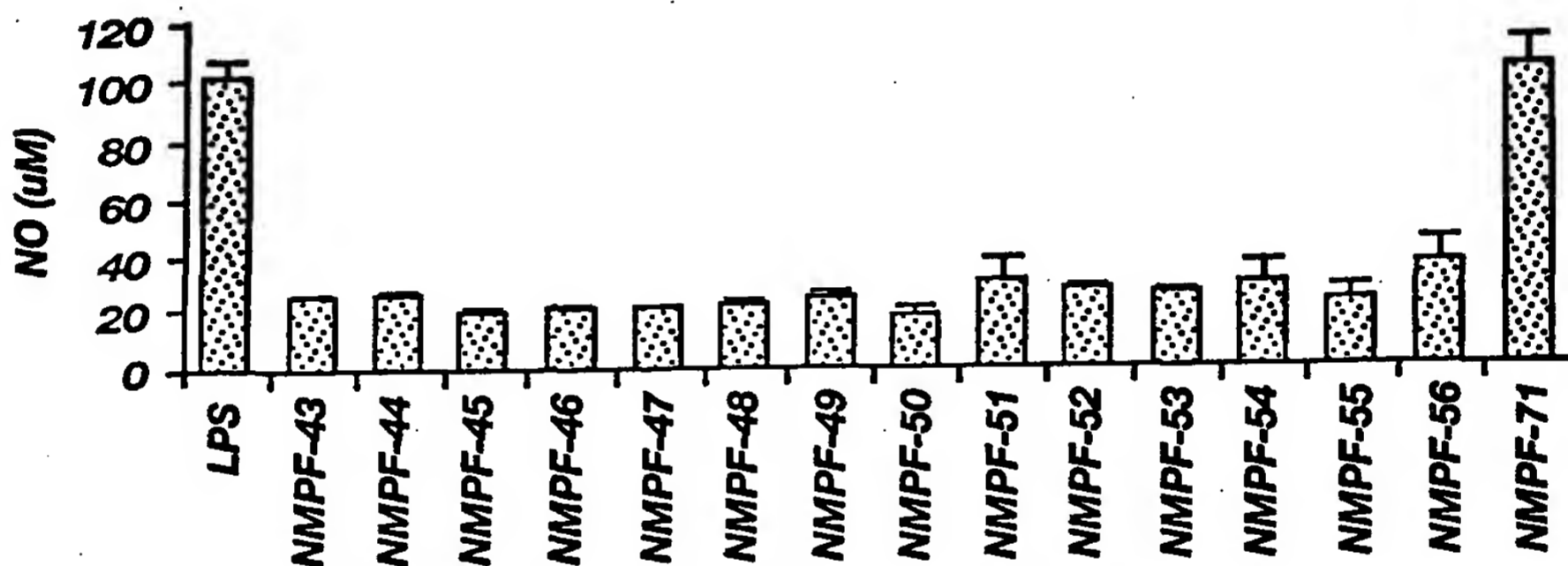


Fig. 48B

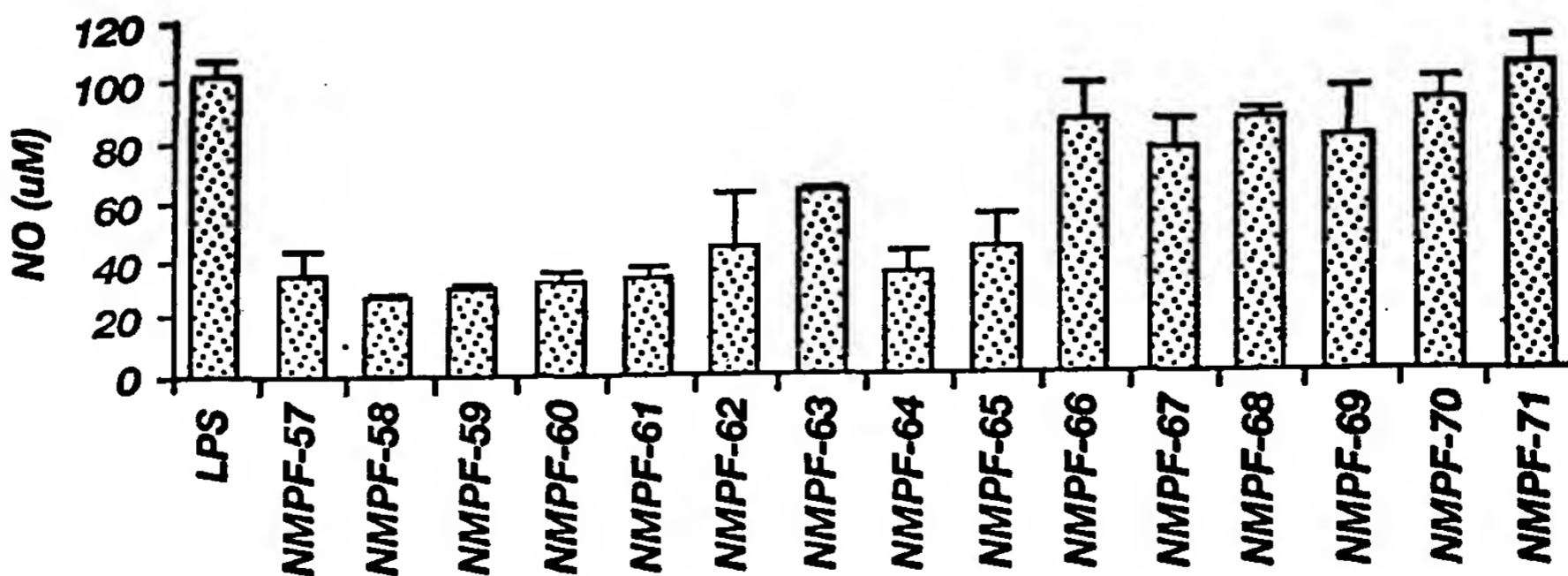


Fig. 48C

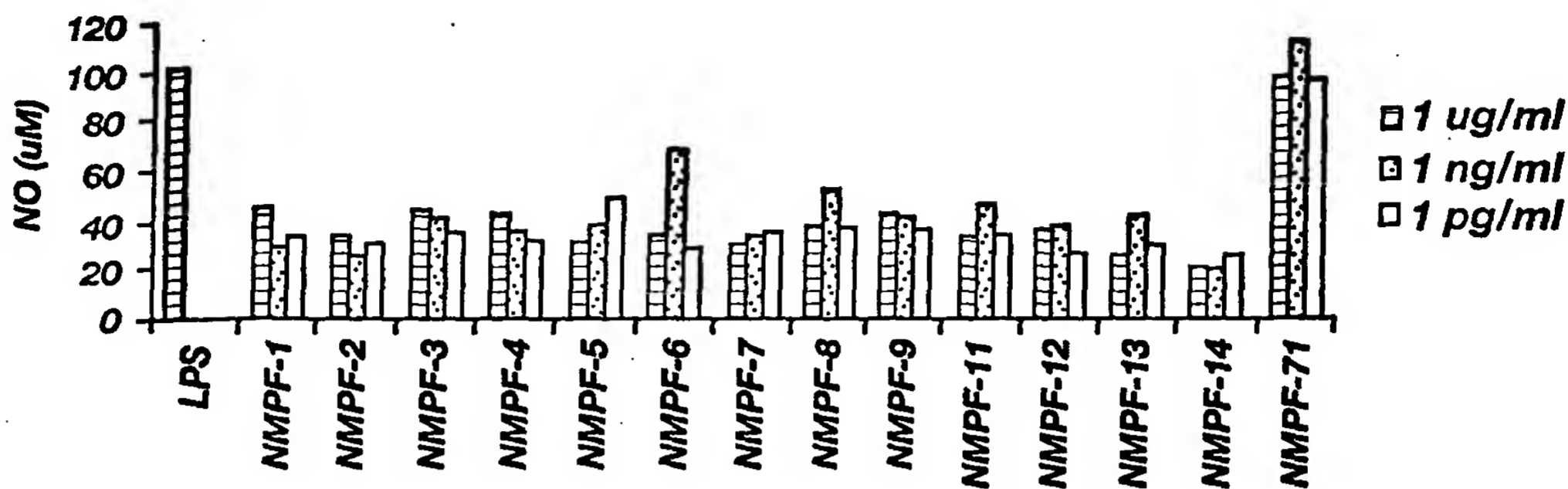


Fig. 49A

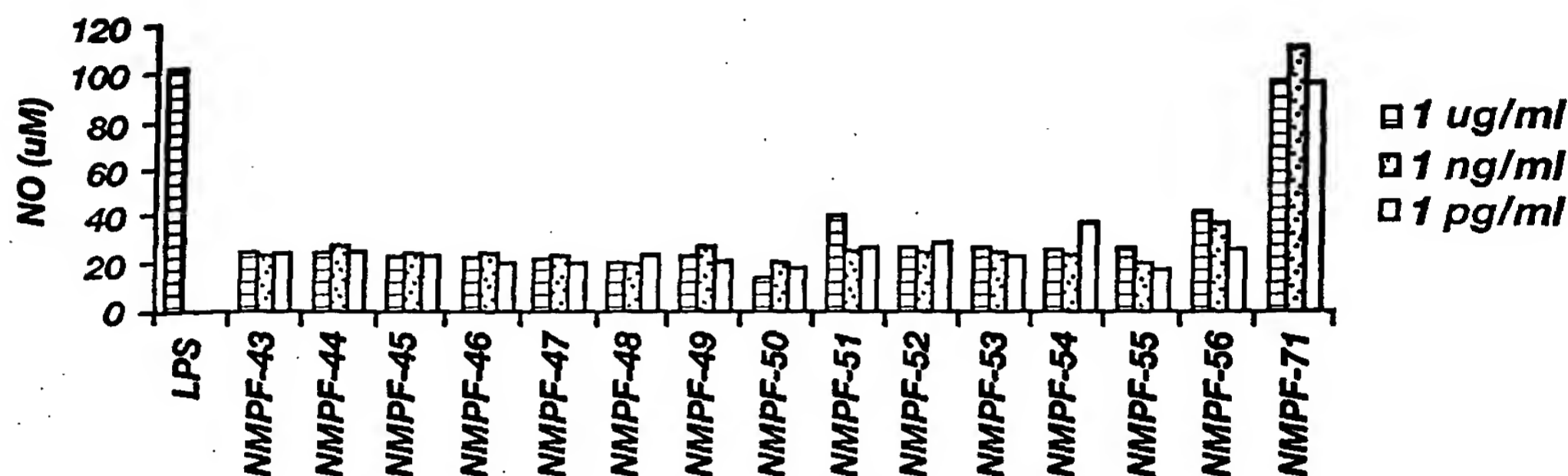


Fig. 49B

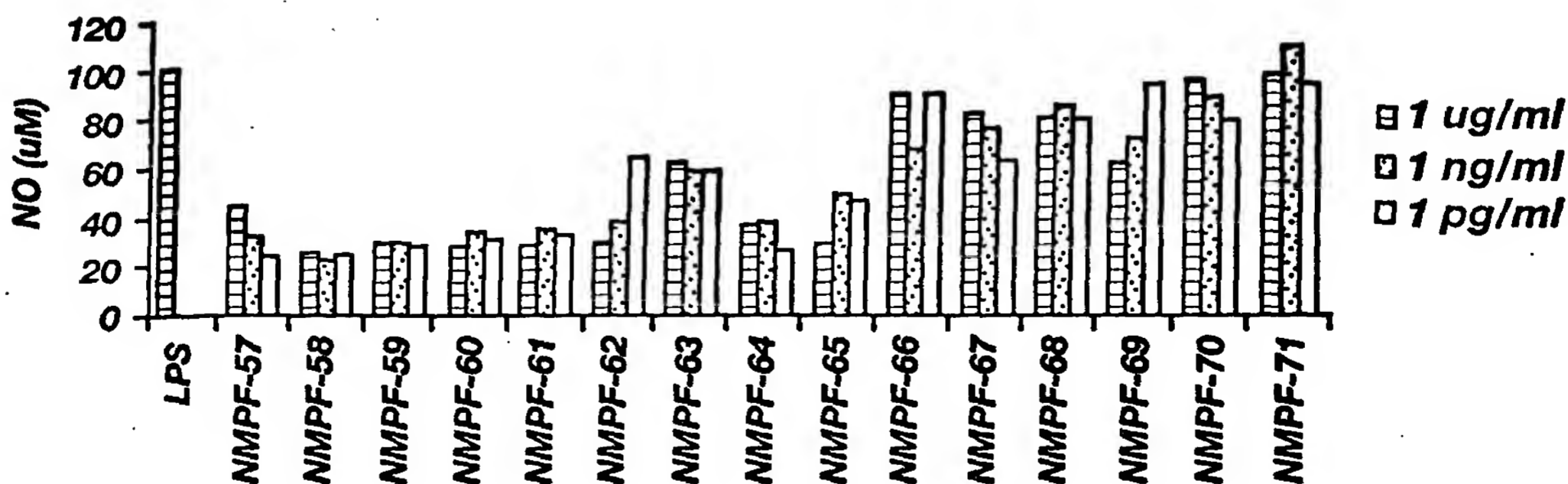


Fig. 49C

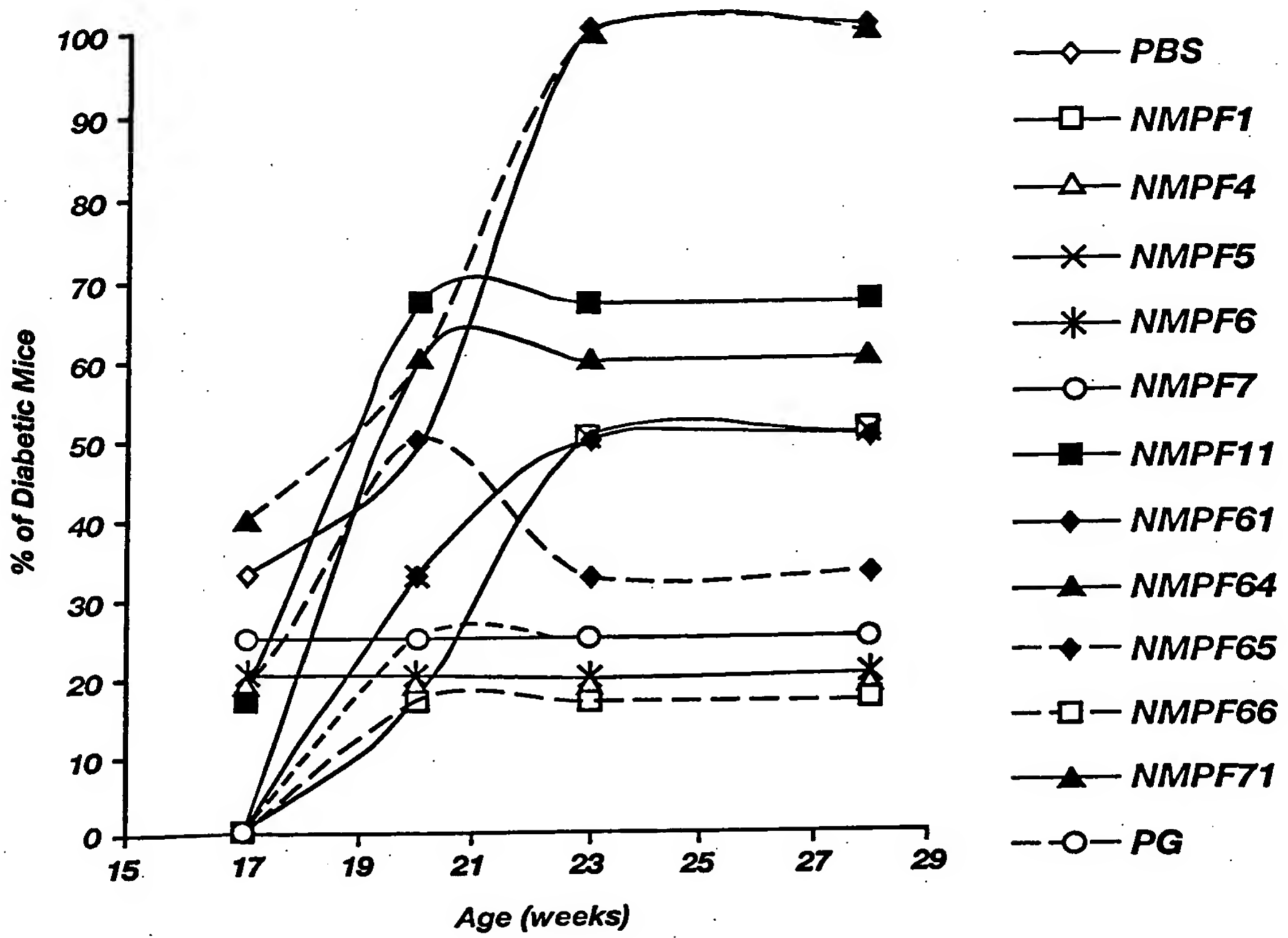


Fig. 50



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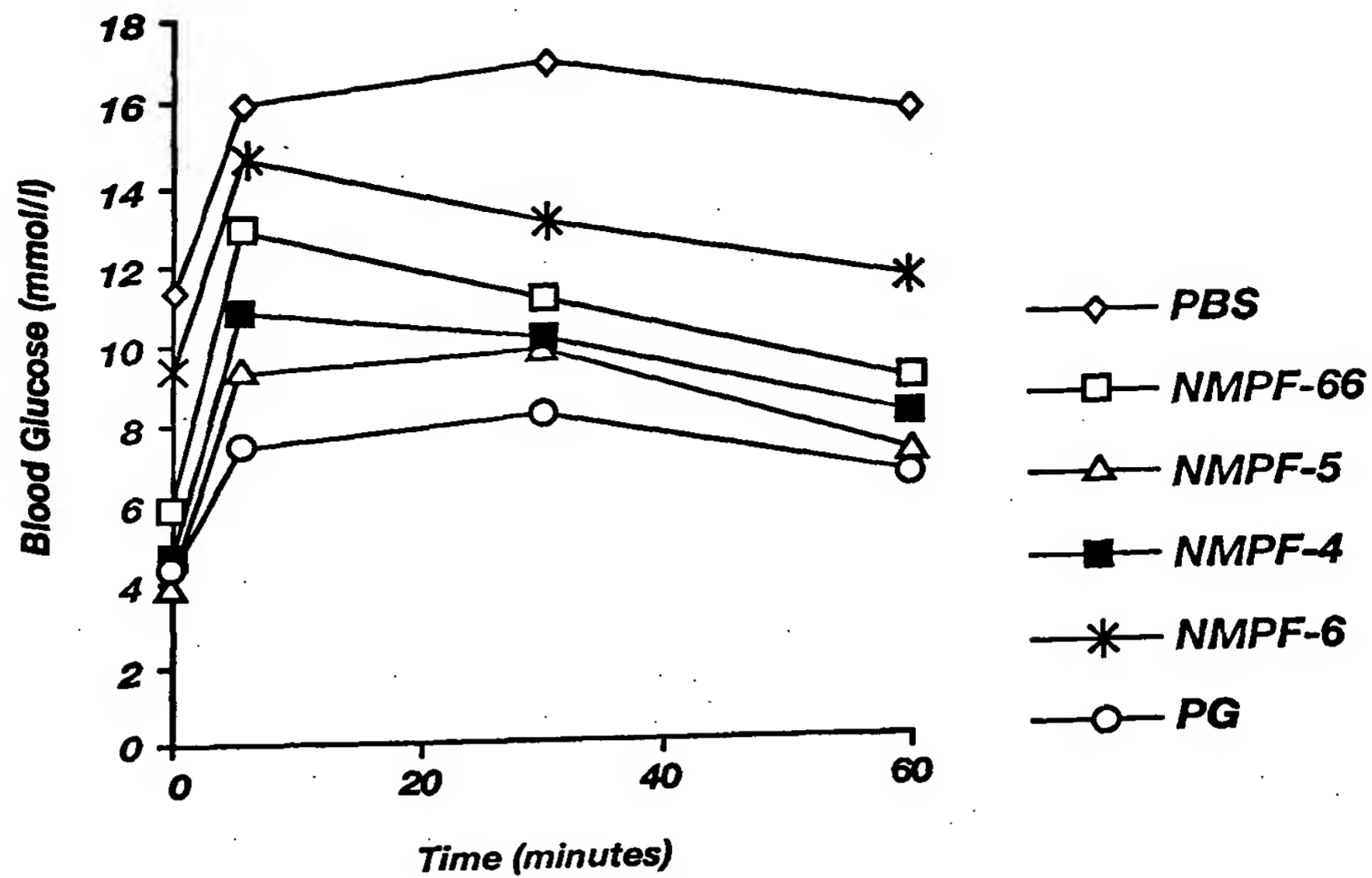


Fig. 51A

Blood Glucose (Fasting)

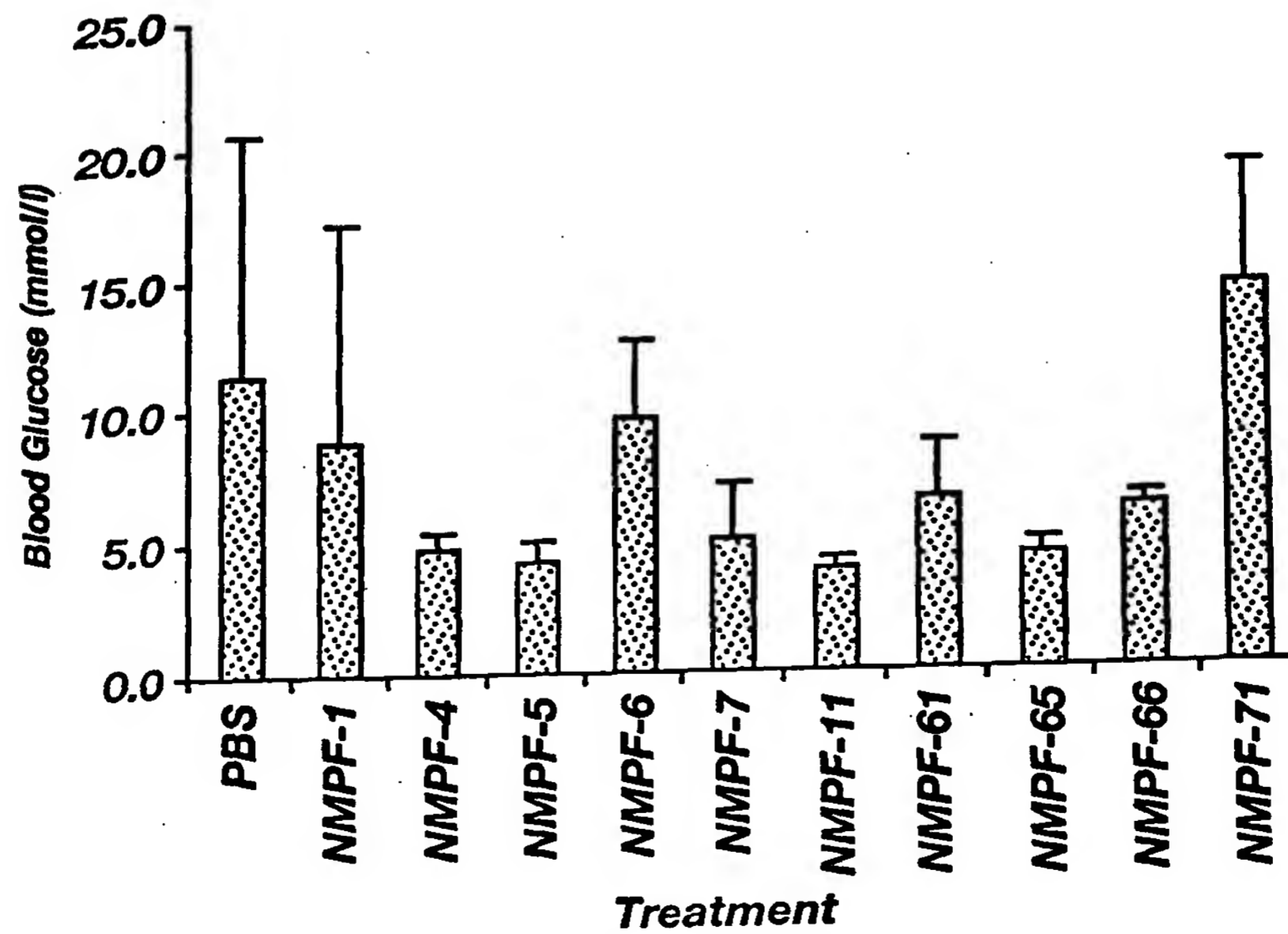


Fig. 51B